

001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

<b>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</b>			5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-65371</b>
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>na</b>
B. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			7. UNIT AGREEMENT NAME <b>na</b>
2. NAME OF OPERATOR <b>The Houston Exploration Company</b>			8. FARM OR LEASE NAME <b>na</b>
3. ADDRESS OF OPERATORS <b>1100 Louisiana Suite 2000 Houston, TX 77002</b>			9. WELL NO. <b>Southam Canyon 12-30-16-2A</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement) at surface <b>2118' FSL 502' FWL NWSW 648405X 39.918567</b> At proposed prod. Zone <b>same as above 4419952Y - 109.263575</b>			10. FIELD OR LEASE NAME <b>Natural Buttes</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>65.2 miles South of Vernal, UT</b>			11. Sec., T., R., M., OR BLK AND SURVEY OR AREA <b>Sec. 30, T10S, R24E</b>
15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drlg. Unit line, if any) <b>502'</b>	16. NO. OF ACRES IN LEASE <b>680</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	12. COUNTY OR PARISH <b>Uintah</b>
16. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>2,500</b>		19. PROPOSED DEPTH <b>6,975</b>	13. STATE <b>Utah</b>
21. ELEVATION (SHOW WHETHER DF, RT, GR, etc.) <b>5050.4 GR</b>			20. ROTARY OR CABLE TOOLS <b>Rotary</b>
			22. APPROX. DATE WORK WILL START <b>Feb. 1, 2005</b>

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	36#	2000'	779 sks
7 7/8"	4 1/2"	11.6#	T.D.	600 sks

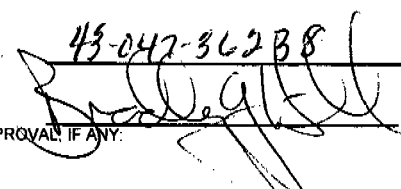
The operator requests permission to drill the subject well. Please find the attached 10 point plan and 13 point plan.

William A Ryan  
290 S 800 E  
Vernal, UT 84078  
435-789-0968

Federal Approval of this  
Action is Necessary

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24		Agent	DATE	1/5/05
SIGNATURE _____ TITLE _____ DATE _____				
(This space for Federal or State Office use)				

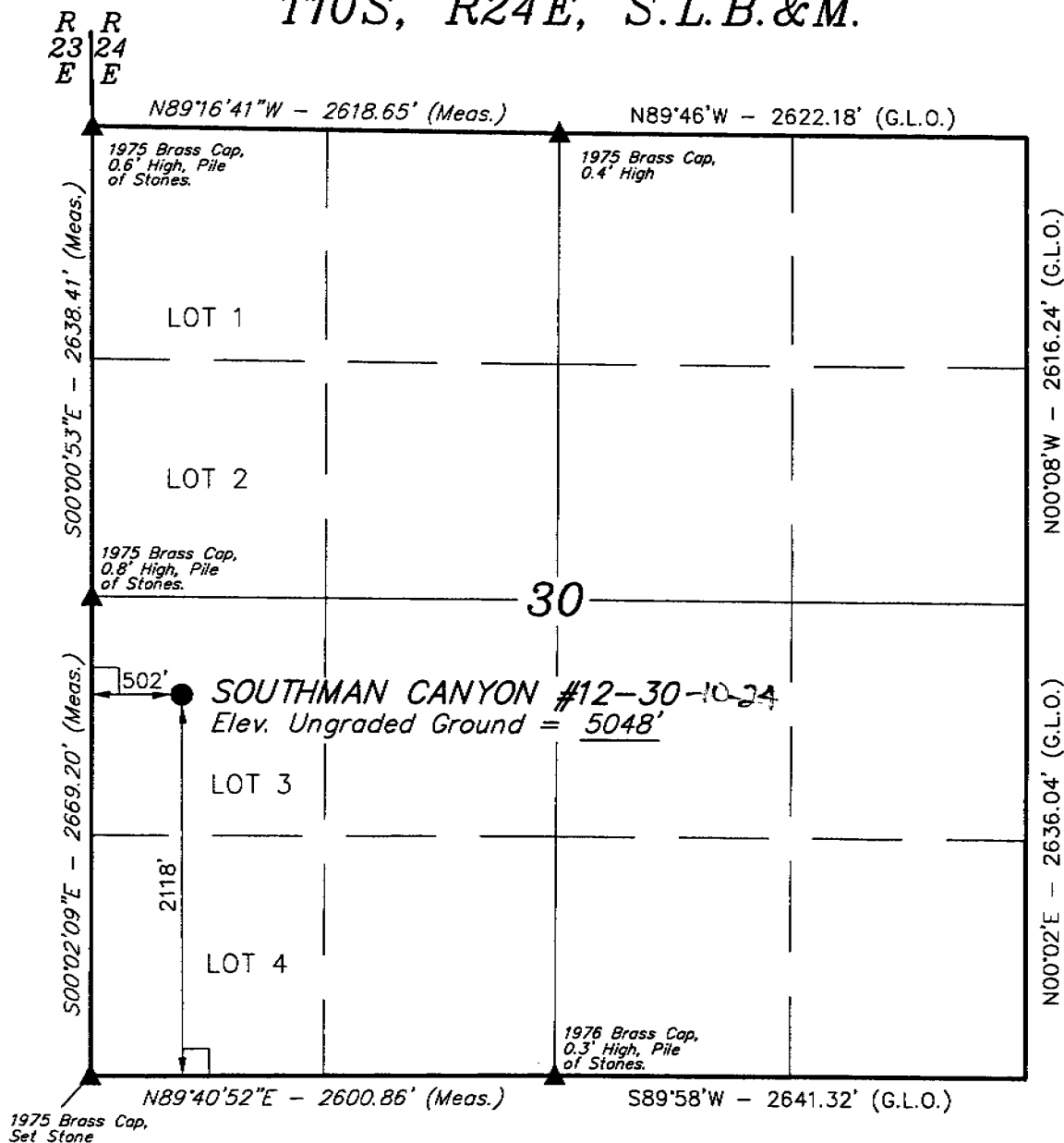
PERMIT NO.	43-042-36238	APPROVAL DATE	
APPROVED BY		TITLE	BRADLEY G. HILL
CONDITIONS OF APPROVAL, IF ANY:		DATE	01-18-05
ENVIRONMENTAL SCIENTIST III			

\*See Instructions on Reverse Side

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED  
JAN 10 2005  
DIV. OF OIL, GAS & MINING

T10S, R24E, S.L.B.&M.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
 LATITUDE = 39°55'06.72" (39.918533)  
 LONGITUDE = 109°15'51.30" (109.264250)  
 (AUTONOMOUS NAD 27)  
 LATITUDE = 39°55'06.84" (39.918567)  
 LONGITUDE = 109°15'48.87" (109.263575)

THE HOUSTON EXPLORATION COMPANY

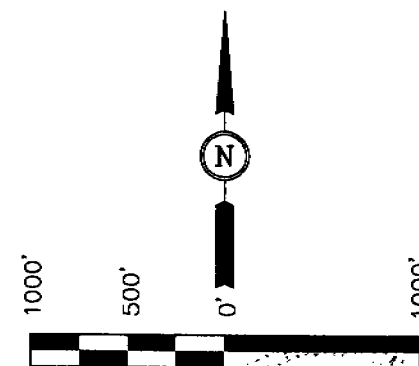
Well location, SOUTHMAN CANYON #12-30-10-24 located as shown in the NW 1/4 SW 1/4 (Lot 3) of Section 30, T10S, R24E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (87EAM) IN THE SE 1/4 SW 1/4 OF SECTION 1, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5887 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE  
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert H. Hays*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-27-04	DATE DRAWN: 11-05-04
PARTY M.A. W.D. E.C.O.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE THE HOUSTON EXPLORATION COMPANY	

**SELF-CERTIFICATION STATEMENT**

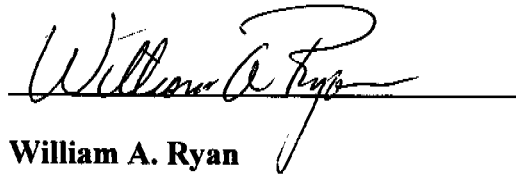
**The following self-certification statement is provided per Federal requirements dated June 15, 1988.**

**Please be advised that The Houston Exploration Company are considered to be the operator of the following well.**

**Southman Canyon 12-30-10-24  
Section 30, T.10S, R.24E.  
NW 1/4, SW 1/4  
Lease UTU-65371  
Uintah County, Utah**

**The Houston Exploration Company is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.**

**Bond UTB-000062 provides state-wide bond coverage on all Federal lands.**



**William A. Ryan  
Agent  
Rocky Mountain Consulting  
350 S. 800 E.  
Vernal UT 84078  
435-789-0968 Office  
435-828-0968 Cell  
435-789-0970 Fax  
rmcwar@hotmail.com**

**Ten Point Plan****The Houston Exploration Company**

Southman Canyon 12-30-10-24

Surface Location NW ¼ SW ¼, Section 30, T. 10S., R. 24 E.

**1. Surface Formation**

Green River

**2. Estimated Formation Tops and Datum:**

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	+5,050' G.L.
Uteland Butte Limestone	3,946	+1,104'
Wasatch	4,080	+ 970'
Mesaverda	5,747	-697'
Buck Tounge	8,080	-3,030'
Castlegate	8,152	-3,102'
TD	6,795'	-1,745'

A 11" hole will be drilled to 2,000' +/- . The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest.

**3. Producing Formation Depth:**

Formation objective includes the Green River, Wasatch, Mesaverde and its sub-members.

Off Set Well information

Off set well: Permitted/Drilled

Southman Canyon 5-19

Southman Canyon 4-30-10-24

Producing Wells:

FED H 12-30

FED H 14-30

Abandon Wells:

FED H 21-31

FED H 34-30

SCU 6

#### 4. Proposed Casing:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling &amp; Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
11	8 5/8	36#	J-55	STC	2000	NEW
7 7/8	4 1/2	11.6#	N-80	LTC	T.D.	NEW

#### Cement Program:

The Surface Casing will be cemented to the Surface as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	8 5/8	Primium Lite II .05#/sk Static Free .25#/sk Cello Flake 5#/sk KOL Seal .002 gps FP-6L 10% Bentonite .5% Sodium Metasilicate 3% Potassium Chloride	250 sks. +/-	3.38ft <sup>3</sup> /sk	11.0 ppg
Tail:	8 5/8	Class "G" 2% Calcium Chloride .25#/sk Cello Flake	329 sks. +/-	1.2ft <sup>3</sup> /sk	15.6 ppg
Top Job:	8 5/8	4% Calcium Chloride .25#/sk Cello Flake	200 sks. +/-	1.10ft <sup>3</sup> /sk	15.6 ppg

Production casing will be cemented to 2,500' or higher as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	4 1/2	Primium Lite II .25#/sk Cello Flake .05#/sk Static Free 5#/sk Kol Seal 3% Potassium Chloride .055 gps FP-6L 10% Bentonite .5 Sodium Metasilicate	200 sks +/-	3.3ft <sup>3</sup> /sk	11.0 ppg
Tail:	4 1/2	Class "G" .05% Static Free 2 Sodium Chloride .1% R-3 2% Bentonite	400 sks +/-	1.56ft <sup>3</sup> /sk	14.3 ppg

**5. BOP and Pressure Containment Data:**

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

## 6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss Ml/30 Mins.</u>	<u>Mud Type</u>
0-2000	Air/Clear Water	-----	No Control	Water/Gel
2000-T.D.	8.4-12.0	30	8-10	Water/Gel

## 7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

## 8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging: 

Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

## 9. Abnormalities (including sour gas):

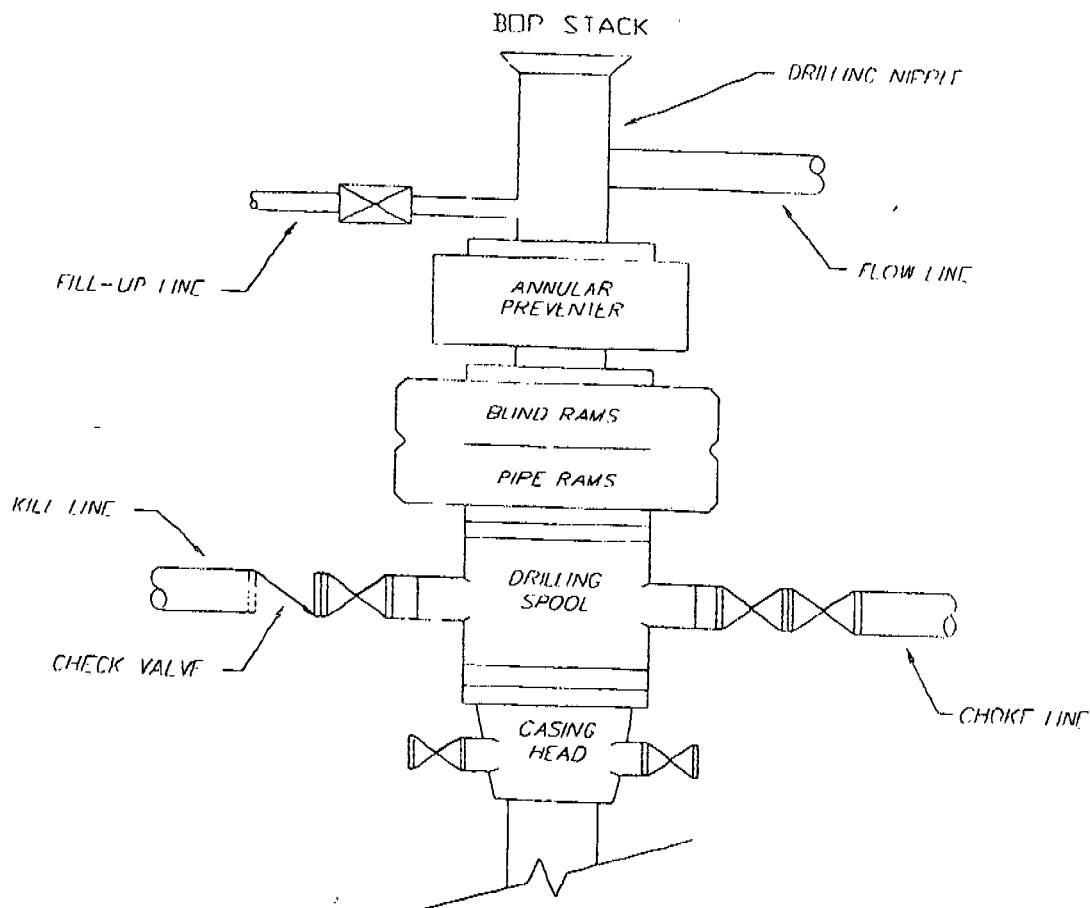
No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H<sub>2</sub>S.

## 10. Drilling Schedule:

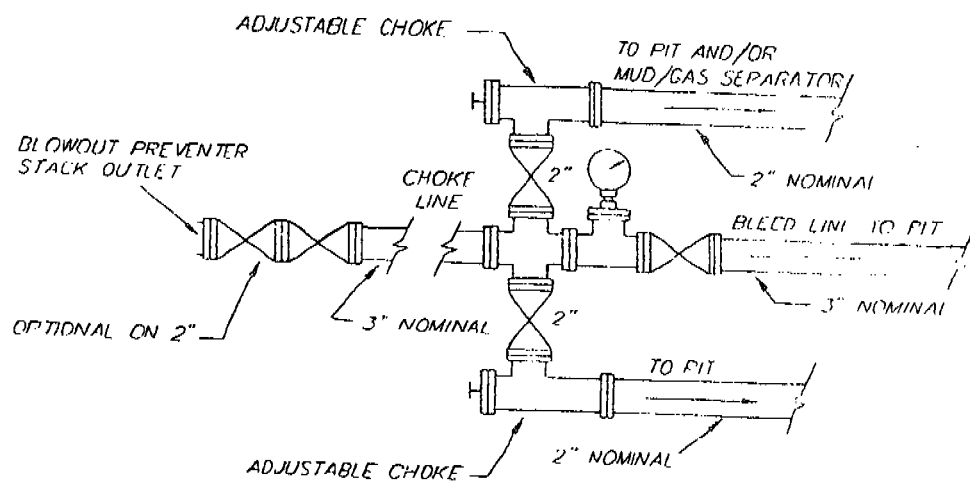
The anticipated starting date is January 31, 2004. Duration of operations is expected to be 30 days.

# THE HOUSTON EXPLORATION COMPANY

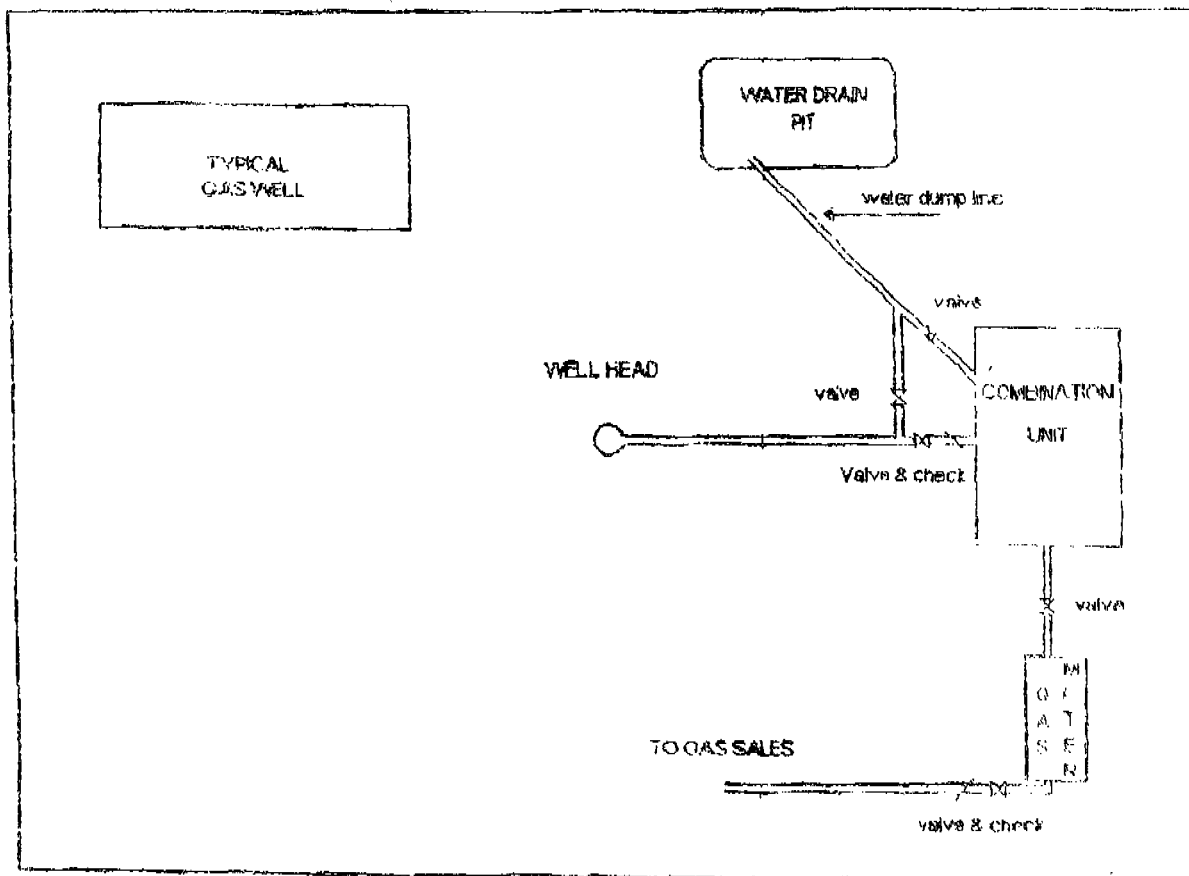
## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER SCHEMATIC



## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC







**THE HOUSTON EXPLORATION COMPANY**

**13 POINT SURFACE USE PLAN**

**FOR WELL**

**Southman Canyon 12-30-10-24**

**LOCATED IN NW  $\frac{1}{4}$  SW  $\frac{1}{4}$**

**SECTION 30, T.10S, R24E, S.L.B.&M.**

**UINTAH COUNTY, UTAH**

**LEASE NUMBER: UTU-65371**

**SURFACE OWNERSHIP: FEDERAL**

## 1. Existing Roads:

To reach The Houston Exploration Co well Southam Canyon 12-30-10-24 in Section 30, T10S, R 24 E, Starting in Vernal, Utah.

Proceed in an easterly, then southerly direction from Vernal, Utah along US Highway 40 approximately 3.9 miles to the junction of State Highway 45; exit right and proceed in a southerly, direction approximately 41.5 miles on State Highway 45 to the junction of this road and gravel State Highway 45 to the southeast; turn left and proceed in a southeasterly direction approximately 3.8 miles to the junction of this road and State Highway 207 to the southwest; turn right and proceed in a southwesterly direction approximately 7.7 miles to the junction of this road and an existing road to the northwest; turn right and proceed in a northwesterly, then southwesterly direction approximately 2.2 miles to the junction of this road and an existing road to the west; turn right and proceed in a northwesterly direction approximately 3.4 miles to the junction of this road and an existing road to the north; turn right and proceed in a northerly direction approximately 2.7 miles to the beginning of the proposed road reroute and the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 65.2 miles.

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

## 2. Planned access road

The proposed access road will be approximately 528' +/- of new construction on lease. The road will be graded once per year minimum and maintained.

A) Approximate length	528 ft
B) Right-of-Way width	30 ft
C) Running surface	18 ft
D) Surface material	Native soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road Flagged	Yes
K) Access road surface ownership	Federal
L) All new construction on lease	Yes
M) Pipe line crossing	No

Please see the attached location plat for additional details.

An off lease Right-of-Way will not be required.

All surface disturbances for the road and location will be within the lease boundary.

### 3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

- A) **Producing well**  
FED H #12-30  
FED H #14-30
- B) **Water well** None
- C) **Abandoned well**  
SCU #6
- D) **Temp. abandoned well** None
- E) **Disposal well** None
- F) **Drilling /Permitted well**  
Southam Canyon #5-19  
Southman Canyon 4-30
- G) **Shut in wells**  
FED H #21-31  
FED H # 34-30
- H) **Injection well** None
- I) **Monitoring or observation well** None

Please see the attached map for additional details.

### 4. Location of tank batteries, production facilities and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **Carlsbad Canyon** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The

required paint color is **Carlsbad Canyon**.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulation identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

If the well is capable of economic production a surface gas line will be required.

**Approximately 600' +/- of 3" existing pipeline would be rerouted on Federal Lands. The line will be strung and boomed to the west of the location.**

**An off lease Right-of-Way will not be required.**

Please see the attached location diagrams for pipe-line location. There will be no additional surface disturbances required for the installation of a gathering line.

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office and State of Utah, Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

**Water for drilling and cementing will come from The White River at the Bonanza Bridge, Permit # - T75376.**

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravel or pit lining material will be obtained from private resources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately **12 ft.** deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be

removed to an authorized landfill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follows:

- A) Pad length 345 ft
- B) Pad width 195 ft
- C) Pit depth 12 ft
- D) Pit length 175 ft
- E) Pit width 65 ft
- F) Max cut 22.4 ft
- G) Max fill 8.0 ft
- H) Total cut yds. 12,290 cu yds
- I) Pit location west side
- J) Top soil location north end
- K) Access road location south end
- L) Flare Pit corner B

Please see the attached location

diagram for additional details.

All pits will be fenced according to the following minimum standards:

A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.

C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.

E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the

pit area. The topsoil removed and piled will amount to approximately **1,800** cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified. And left with a rough surface.

A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Seed Mix

**To be determined by the  
Authorized Officer.**

11. Surface ownership:

<b>Access road</b>	<b>Federal</b>
<b>Location</b>	<b>Federal</b>
<b>Pipe line</b>	<b>Federal</b>

12. Other information:

A) Vegetation

The vegetation coverage is Slight. The majority of the existing vegetation consists of Sagebrush. Rabbit brush, Bitter Brush, and Indian Rice grass are also found on the location.

B) Dwellings:

There are no dwelling or other facilities within a one-mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is the White River located approximately 7 miles to the South.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

- a) Location Construction  
At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion  
Prior to moving on the drilling rig.
- c) Spud notice  
At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing  
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests  
At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice  
Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.

G) Flare pit:

The flare pit will be located in corner B of the reserve pit outside the pit fences and 100 feet



from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative

William A. Ryan  
Rocky Mountain Consulting  
Vernal, UT 84078

Office 435-789-0968  
Fax 435-789-0970  
Cellular 435-828-0968

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

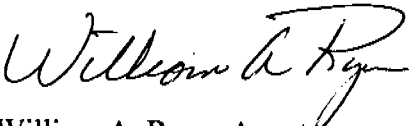
This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons

under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by The Houston Exploration Company and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date 1/5/05

  
William A. Ryan, Agent  
Rocky Mountain Consulting

**Onsite Dates: 12/27/04**

# THE HOUSTON EXPLORATION COMPANY

SOUTHMAN CANYON #12-30-10-24

LOCATED IN UINTAH COUNTY, UTAH

SECTION 30, T10S, R24E, 6th P.M.

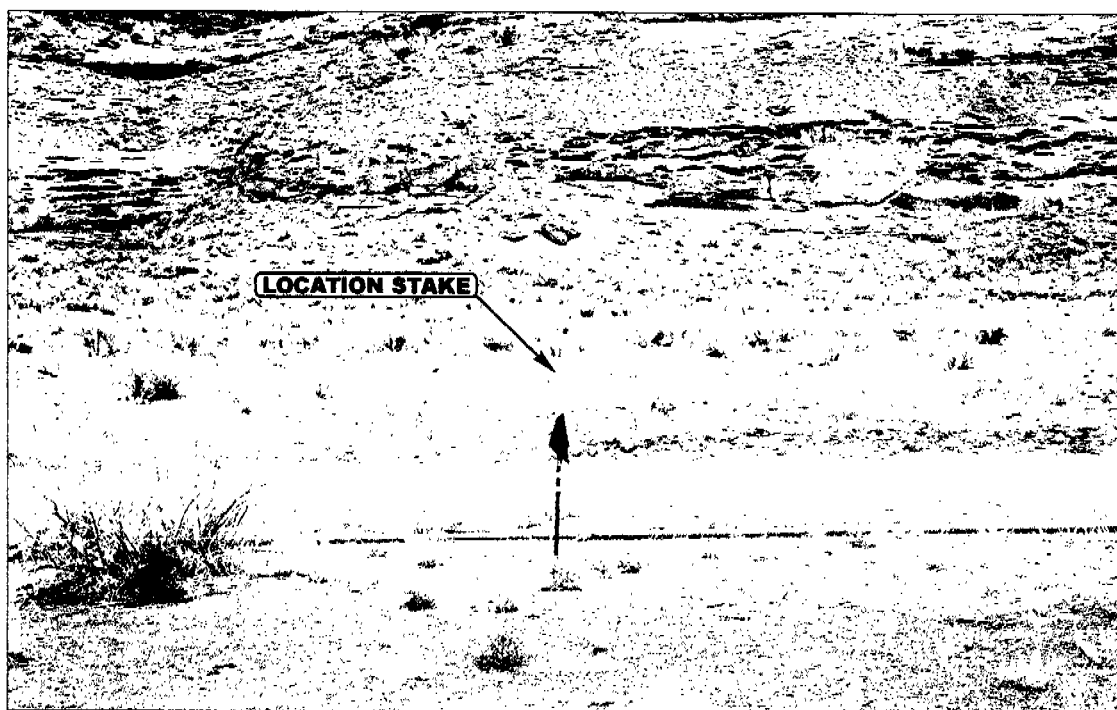


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: EASTERLY



- Since 1964 -

**E&L**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

10 29 04  
MONTH DAY YEAR

PHOTO

TAKEN BY: M.A.

DRAWN BY: C.P.

REVISED: 00-00-00

# THE HOUSTON EXPLORATION COMPANY

FIGURE #1

## LOCATION LAYOUT FOR

SOUTHMAN CANYON #12-30-10-29

SECTION 30, T10S, R24E, S.L.B.&M.

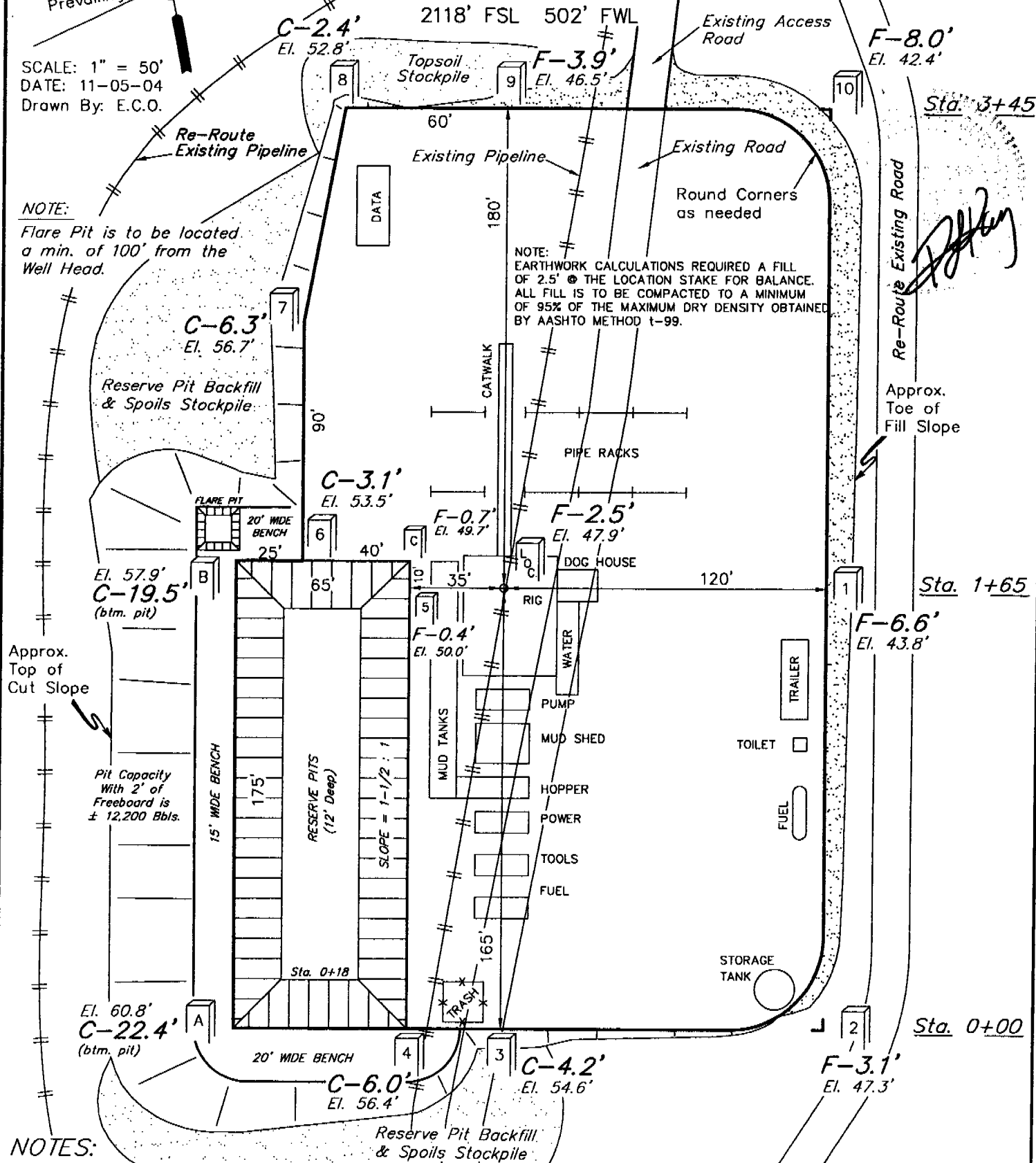
2118' FSL 502' FWL

SCALE: 1" = 50'  
DATE: 11-05-04  
Drawn By: E.C.O.

### NOTE:

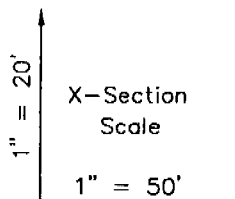
Flare Pit is to be located a min. of 100' from the Well Head.

NOTE: EARTHWORK CALCULATIONS REQUIRED A FILL OF 2.5' @ THE LOCATION STAKE FOR BALANCE. ALL FILL IS TO BE COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY OBTAINED BY AASHTO METHOD T-99.



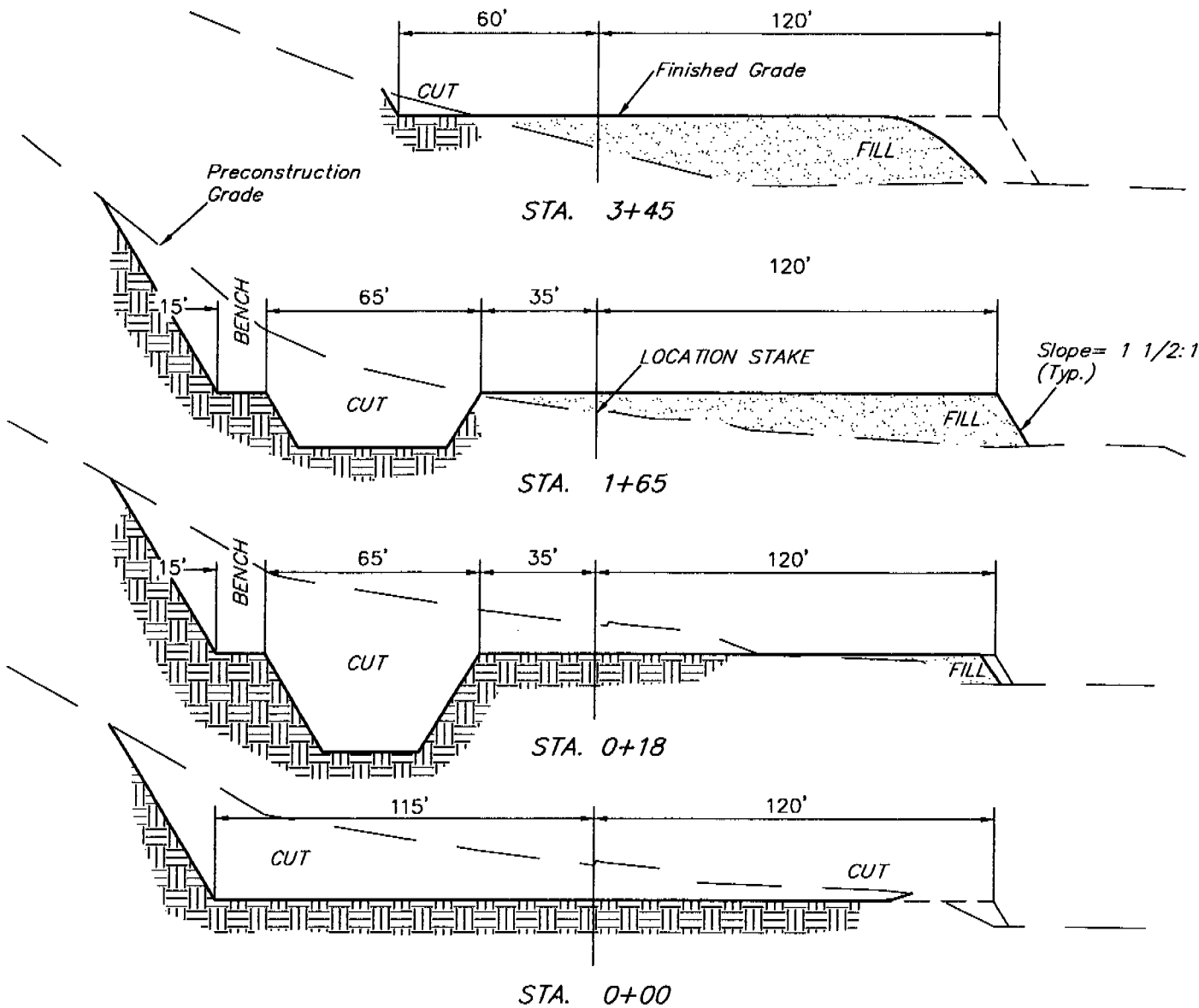
# THE HOUSTON EXPLORATION COMPANY

TYPICAL CROSS SECTIONS FOR  
SOUTHMAN CANYON #12-30-1C-24  
SECTION 30, T10S, R24E, S.L.B.&M.  
2118' FSL 502' FWL



DATE: 11-05-04  
Drawn By: E.C.O.

*Handwritten signature/initials*



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

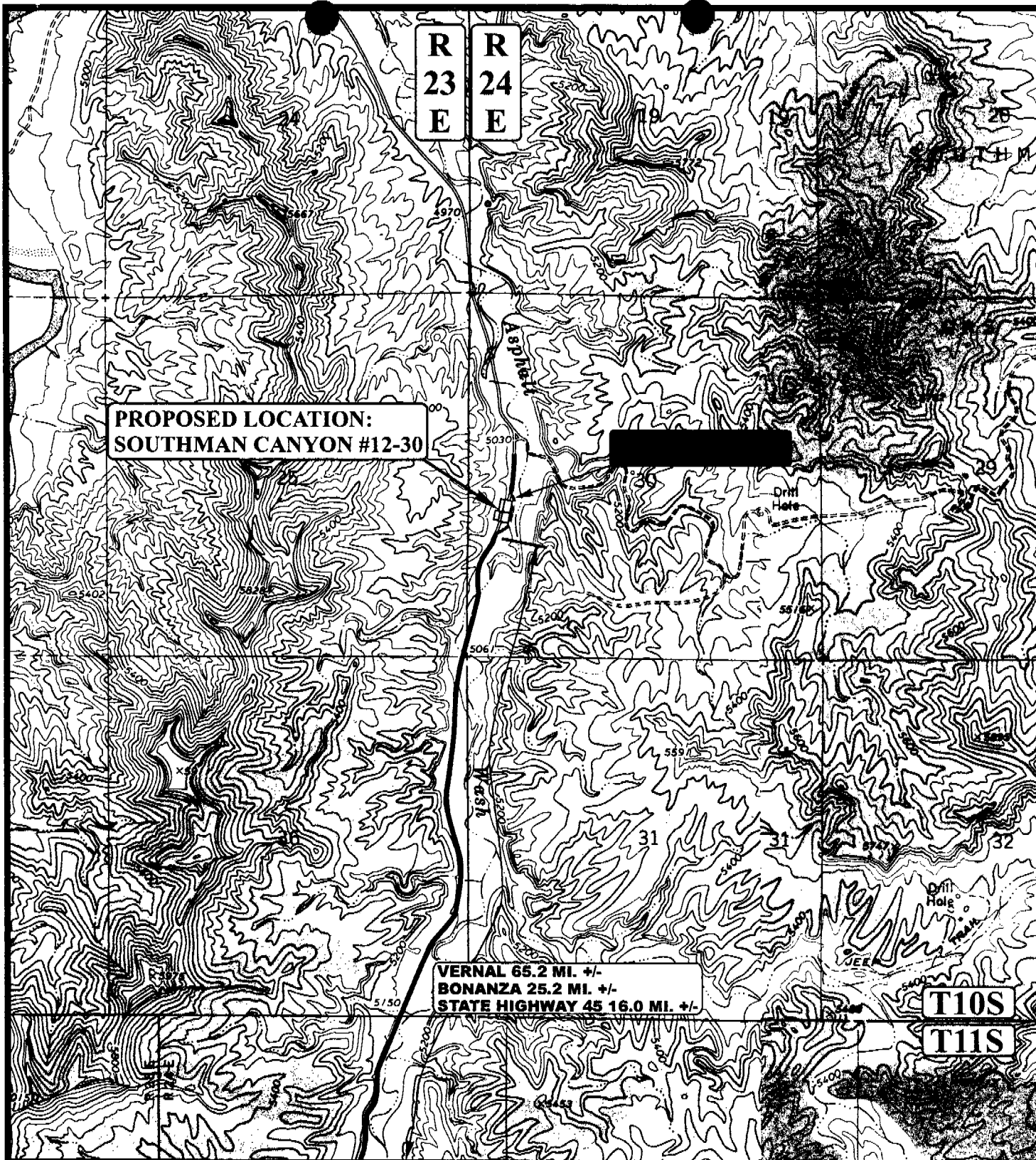
**FIGURE #2**

## APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,800 Cu. Yds.
Remaining Location	= 10,490 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 12,290 CU.YDS.</b>
<b>FILL</b>	<b>= 8,830 CU.YDS.</b>

EXCESS MATERIAL	= 3,460 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,460 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.





# **LEGEND:**

————— EXISTING ROAD  
 - - - - - PROPOSED ROAD REROUTE



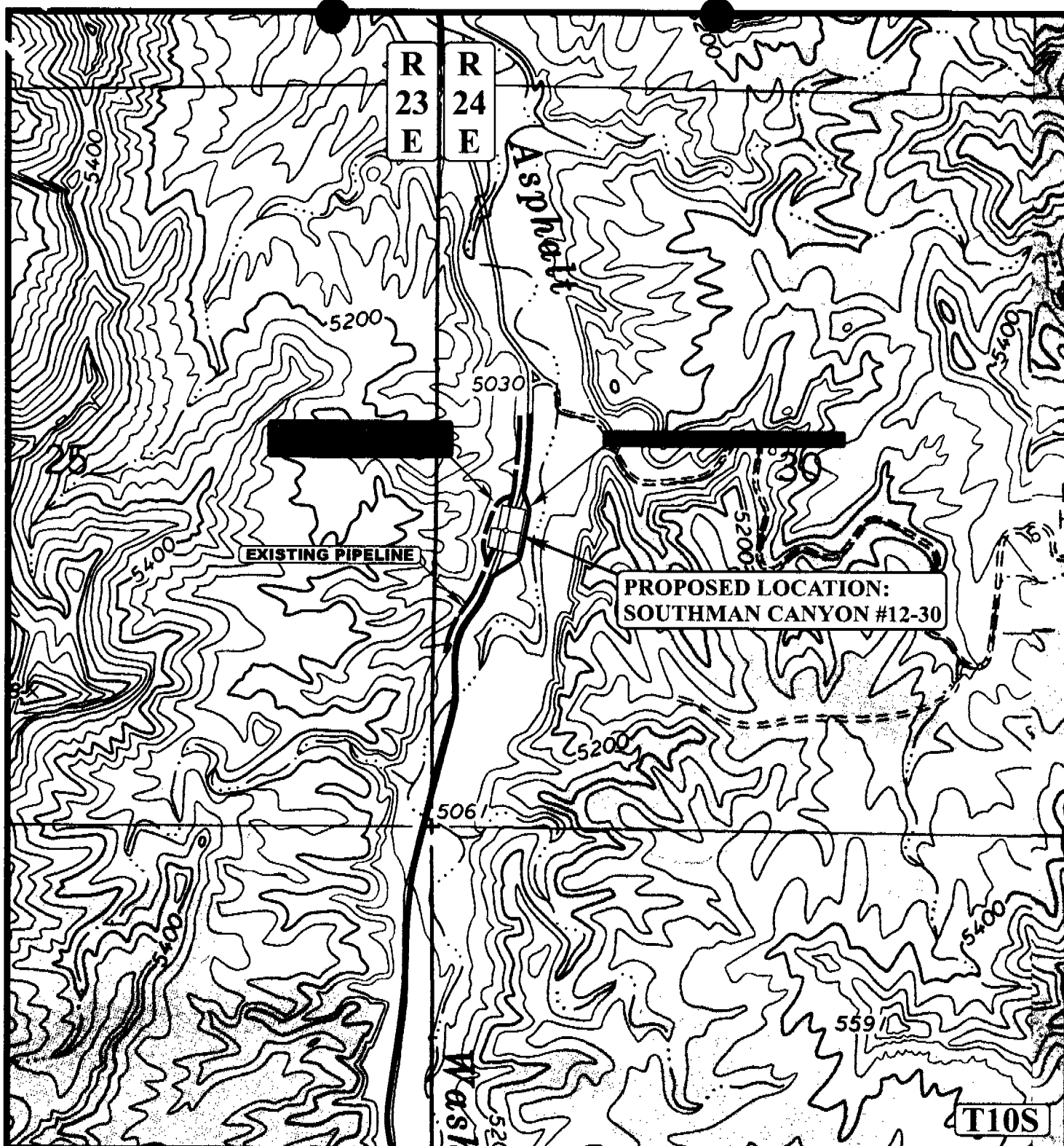
## **THE HOUSTON EXPLORATION COMPANY**

**SOUTHMAN CANYON #12-30-10-24**  
**SECTION 30, T10S, R24E, S.L.B.&M.**  
**2118' FSL 502' FWL**

**U&L S** **Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** **10** **29** **04**  
**MAP** **MONTH** **DAY** **YEAR**  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

**B**  
**TOPO**



APPROXIMATE TOTAL PIPELINE REROUTE DISTANCE = 600' +/-

**LEGEND:**

- EXISTING PIPELINE
- PROPOSED PIPELINE REROUTE
- PROPOSED ROAD REROUTE



**THE HOUSTON EXPLORATION COMPANY**

**SOUTHMAN CANYON #12-30-1C-24**  
**SECTION 30, T10S, R24E, S.L.B.&M.**  
**2118' FSL 502' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**10** **29** **04**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



### **Statement of use of Hazardous Materials**

No chemical(s) from the EPA's consolidated list of Chemicals subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan  
Agent for The Houston Exploration Company  
Rocky Mountain Consulting  
290 S 800 E  
Vernal, UT 84078

435-789-0968 Office  
435-828-0968 Cell  
435-789-0970 Fax



004

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/10/2005

API NO. ASSIGNED: 43-047-36238

WELL NAME: SOUTHMAN CYN 12-30-10-24

OPERATOR: HOUSTON EXPLORATION CO, ( N2525 )

CONTACT: BILL RYAN

PHONE NUMBER: 435-789-0968

## PROPOSED LOCATION:

NWSW 30 100S 240E

SURFACE: 2118 FSL 0502 FWL

BOTTOM: 2118 FSL 0502 FWL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-65371

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: CSLGT

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.91857

LONGITUDE: -109.2636

## RECEIVED AND/OR REVIEWED:

☒ Plat☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB-000062 )☒ Potash (Y/N)☒ Oil Shale 190-5 (B) or 190-3 or 190-13☒ Water Permit  
(No. T75376 )☒ RDCC Review (Y/N)  
(Date: )☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

R649-2-3.

Unit

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr &amp; 920' Between Wells

☐ R649-3-3. Exception☐ Drilling Unit

Board Cause No:

Eff Date:

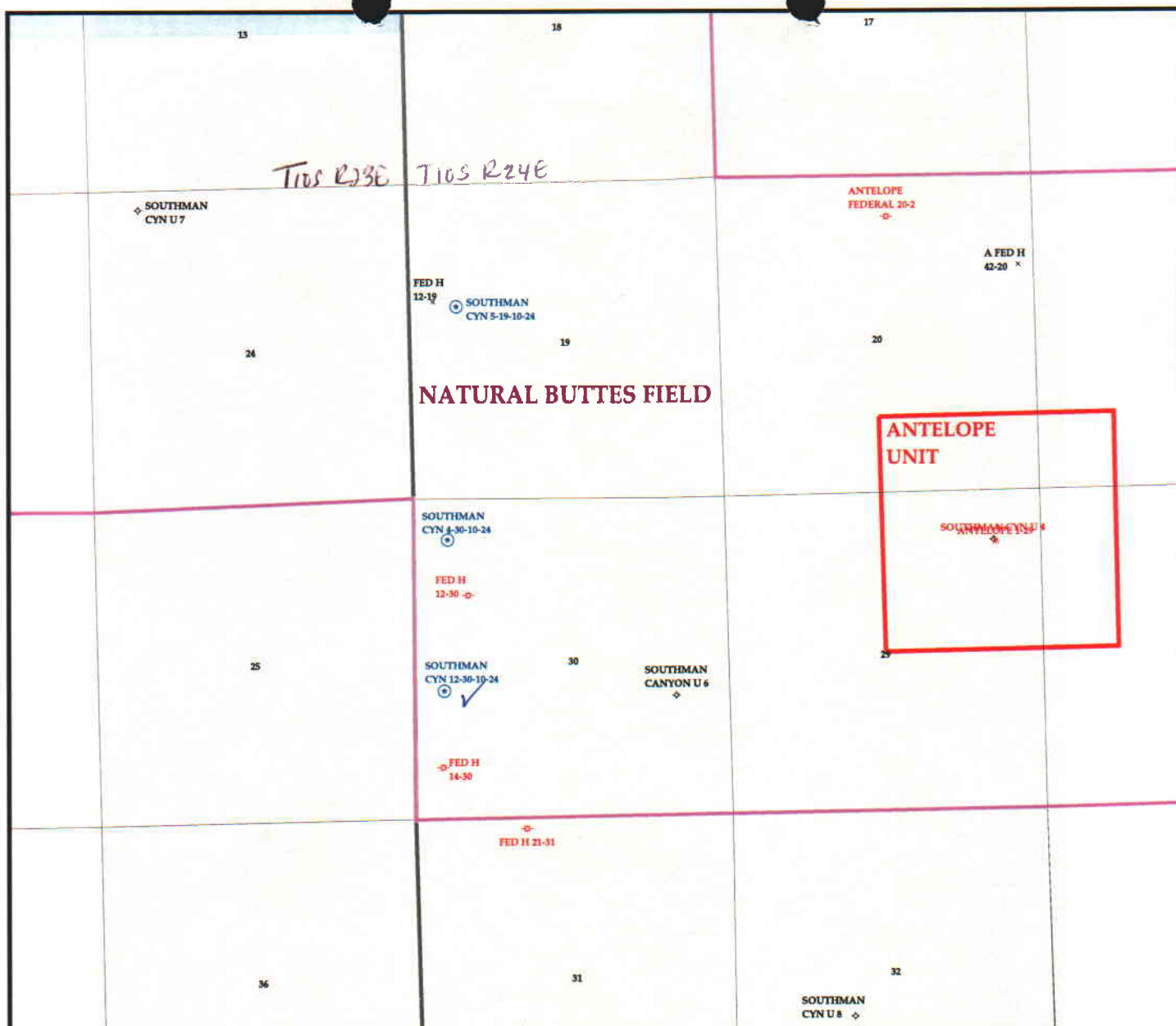
Siting:

☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval  
2- Spacing Study



OPERATOR: THE HOUSTON EXPL (N2525)

SEC. 30 T.10S R.24E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



#### Wells

- ✂ GAS INJECTION
- ✱ GAS STORAGE
- ✕ LOCATION ABANDONED
- ⊕ NEW LOCATION
- ⬢ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- SHUT-IN OIL
- ✕ TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ⬢ WATER SUPPLY
- ✂ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 12-JANUARY-2005

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 18, 2005

Houston Exploration Company  
1100 Louisiana, Suite 2000  
Houston, TX 77002

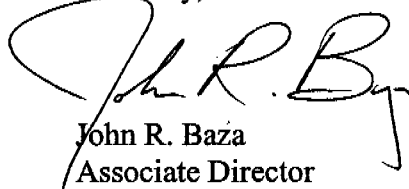
Re: Southman Canyon 12-30-10-24 Well, 2118' FSL, 502' FWL, NW SW, Sec. 30,  
T. 10 South, R. 24 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36238.

Sincerely,



John R. Baza  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Houston Exploration Company  
Well Name & Number Southman Canyon 12-30-10-24  
API Number: 43-047-36238  
Lease: UTU-65371

Location: NW SW                      Sec. 30                      T. 10 South                      R. 24 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

**RECEIVED**  
 UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 JAN 6 2005

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

B. TYPE OF WELL  
 OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR  
**The Houston Exploration Company**

3. ADDRESS OF OPERATORS  
**1100 Louisiana Suite 2000 Houston, TX 77002**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)  
 at surface **2118' FSL 502' FWL NWSW Lot 3**  
 At proposed prod. Zone **same as above** *43.047.36238*

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-65371**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**na**

7. UNIT AGREEMENT NAME  
**na**

8. FARM OR LEASE NAME  
**na**

9. WELL NO.  
**Southam Canyon 12-30-10-24**

10. FIELD OR LEASE NAME  
**Natural Buttes**

11. Sec., T., R., M., OR BLK  
 AND SURVEY OR AREA  
**Sec. 30, T10S, R24E Lot 3**

12. COUNTY OR PARISH  
**Uintah**

13. STATE  
**Utah**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
**65.2 miles South of Vernal, UT**

15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drig. Unit line, if any)  
**502'**

16. NO. OF ACRES IN LEASE  
**680**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION \* TO NEAREST WELL, DRILLING COMPLETED.  
 OR APPLIED FOR, ON THIS LEASE, FT. **2,500**

19. PROPOSED DEPTH  
**6,975**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATION (SHOW WHETHER DF, RT, GR, etc.)  
**5050.4 GR**

22. APPROX. DATE WORK WILL START  
**Feb. 1, 2005**

**PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>11"</b>	<b>8 5/8"</b>	<b>36#</b>	<b>2000'</b>	<b>779 sks</b>
<b>7 7/8"</b>	<b>4 1/2"</b>	<b>11.6#</b>	<b>T.D.</b>	<b>600 sks</b>

**The operator requests permission to drill the subject well. Please find the attached 10 point plan and 13 point plan.**

**William A Ryan  
 290 S 800 E  
 Vernal, UT 84078  
 435-789-0968**

**RECEIVED  
 SEP 06 2005  
 DIV. OF OIL, GAS & MINING**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24

SIGNATURE William A. Ryan TITLE Agent DATE 1/5/05

(This space for Federal or State Office use)

PERMIT NO.

APPROVAL DATE

*[Signature]*  
 Assistant Field Manager  
 Mineral Resources

DATE

08/31/2005

APPROVED BY *[Signature]*  
 CONDITIONS OF APPROVAL, IF ANY:

**\*See Instructions on Reverse Side**

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**NOTICE OF APPROVAL**

**CONDITIONS OF APPROVAL ATTACHED**

05LW0836A

105 1/4/05

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: The Houston Exploration Co.

Well Name & Number: Southam Canyon 12-30-10-24

API Number: 43-047-36238

Lease Number: U-65371

Location: Lot 3 Sec. 30 T.10S R.24E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders.** Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Chart recorders shall be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend 200' above the top of the base of Wasatch formation.

4. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing

**Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).**

5. Notifications of Operations

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

6. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.  
All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Michael Lee (435) 828-7875  
Petroleum Engineer

Matt Baker (435) 828-4470  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.



1. Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs.
2. During initial construction, a 2-foot Berm and a drainage ditch will be constructed around the south and east side of the proposed location and road to divert any flood water away from the location and road.
3. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee would submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this would include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and reseeding the area using appropriate reclamation methods. The AO would provide written approval or concurrence within 30 calendar days of receipt.

At the time that the wells are no longer in operation, the wells shall be plugged and the location and access road shall be reclaimed. All disturbed surfaces shall be re-contoured to near natural contours. Any stockpiled top soils shall be spread over the re-contoured surfaces and reseeded with the following seed mixture:

Seed Mixture:		lbs/acre
Crested wheatgrass	Agropyron cristatum	3
Fourwing salt bush	Atriplex canescens	3
Wyoming big sagebrush	Artemesia tridentata var Wyomingensis	3
Needle and thread grass	Stipa comata	3

Seed should be drilled but if broadcasted double the pounds per acre used and work the soils mechanically to cover the seed.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

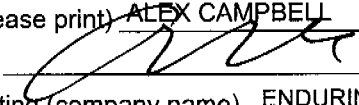
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

<b>Well name:</b>	Southman Canyon 12-30-10-24
<b>API number:</b>	4304736238
<b>Location:</b>	Qtr-Qtr: NWSW Section: 30 Township: 10S Range: 24E
<b>Company that filed original application:</b>	HOUSTON EXPLORATION COMPANY
<b>Date original permit was issued:</b>	01/17/2005
<b>Company that permit was issued to:</b>	HOUSTON EXPLORATION COMPANY

Check one	Desired Action:
<input type="checkbox"/>	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	<b>Transfer approved Application for Permit to Drill to new operator</b>
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.		Yes	No
If located on private land, has the ownership changed?			<input checked="" type="checkbox"/>
<input type="checkbox"/>	If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?			<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?			<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?			<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?			<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?			<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>RLB0008031</u>		<input checked="" type="checkbox"/>	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) ALEX CAMPBELL Title VICE PRESIDENT OF LAND  
Signature  Date 09/19/2005  
Representing (company name) ENDURING RESOURCES, LLC

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

**RECEIVED**

**SEP 26 2005**

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: The Houston Exploration Company <i>N2525</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1100 Louisiana, Ste 2000 CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (713) 830-6938		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <i>Effective</i> <i>9/1/05</i>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE <i>9/1/05</i>	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC Operator #N 2750 Utah State Bond #RLB0008031  
475 17th Street, Ste 1500  
Denver, CO 80202

Contact : Frank Hutto 303-350-5102

*Frank Hutto* VP. OPS  
Signature & Title  
Date *9/19/05*

NAME (PLEASE PRINT) <i>Joanne Hresko</i>	TITLE <i>Vice President/General Manager Onshore</i>
SIGNATURE <i>Joanne Hresko</i>	DATE <i>9/2/2005</i>

(This space for State use only) **APPROVED** *9/29/2005*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED

SEP 26 2005

DIV. OF OIL, GAS & MINING

## TRANSFER OF OPERATOR

NATURAL BUTTES FIELD, UTAH COUNTY, UTAH  
DRILLED WELLS, TO BE OPERATED BY ENDURING RESOURCES, LLC

API Well Number	Well Name	Well Status	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL	Latitude	Longitude
43047355550000	Bonanza #10D-18	SI	NWSE	18	9S-24E	1437 S	1800 E	40.03340	-109.25282
43047355510000	Bonanza #12D-12	Producing	NWSW	12	9S-23E	1556 S	867 W	40.04788	-109.28055
43047356930000	Bonanza #2D-27	Producing	NWNE	27	9S-24E	1064 N	1824 E	40.01123	-109.19600
43047359080000	Bonanza 10-11	Producing	NWSE	11	9S-23E	1991 S	1755 E	40.04866	-109.29035
43047356920000	Bonanza 10D-8	SI	NWSE	8	9S-24E	1510 S	1768 E	40.04789	-109.23383
43047355520000	Bonanza 1-11	Producing	NWNW	11	9S-23E	990 N	990 E	40.05431	-109.29891
43047359290000	Bonanza 12-20	Drig	NWSW	20	9S-25E	1998 S	825 W	40.01947	-109.13150
43047-359210000	Bonanza 12A-18	Producing	NWSW	18	9S-24E	2067 S	813 W	40.03430	-109.26242
43047359090000	Bonanza 14-12	Evaluating	SESW	12	9S-23E	505 S	2001 W	40.04455	-109.27693
43047359940000	Bonanza 4-18	WOPL	NWNW	18	9S-24E	706 N	682 W	40.04119	-109.26288
43047-356220000	Bonanza 4D-16	Producing	NWNW	16	9S-24E	1152 N	1209 W	40.04000	-109.22349
43047358600000	Bonanza 6-36	Producing	SENW	36	9S-24E	2217 N	2009 W	39.99336	-109.16393
43047359120000	Bonanza 6B-8	Producing	SENW	8	9S-24E	2017 N	1878 W	40.05213	-109.24004
43047359200000	Bonanza 8D-7	Producing	SENE	7	9S-24E	1992 N	477 E	40.05220	-109.24845
43047359050000	Buck Canyon 15-24	P&A	SW/SE	24	12S-21E	700 S	2139 E	39.75386	-109.5134
43047348150000	Cartwright 2-35	TA	NWNE	35	9S-24E	858 N	2104 E	39.99733	-109.17882
43047332510000	East Bench 11-16	WOC	NESW	16	11S-22E	S S	1980 W	39.85889	-109.46172
43047347560000	Hoss 15	Producing	SWSE	20	9S-25E	1291 S	2088 E	40.01767	-109.12236
43047348140000	Little Joe 11-7	TA	NENE	7	9S-25E	710 N	644 E	40.05562	-109.13601
43047361500000	Rainbow 14-17	WOC	SESW	17	11S-24E	780 S	1726 W	39.85689	-109.25731
43047361840000	Rainbow 2-16	WOC	NWNE	16	11S-24E	837 N	2136 E	39.86708	-109.23348
43047353630000	Southman Canyon 10D-36	Producing	NWSE	36	9S-23E	1757 S	1650 E	39.98991	-109.27148
43047353640000	Southman Canyon 12D-36	Producing	NWSW	36	9S-23E	1518 S	1069 W	39.98977	-109.28040
43047357700000	Southman Canyon 14C-36	Producing	SESW	36	9S-23E	648 S	1717 W	39.98689	-109.27716
43047357720000	Southman Canyon 16C-36	Producing	SESE	36	9S-23E	542 S	736 E	39.98607	-109.26912
43047356910000	Southman Canyon 2D-30	Producing	NWNE	30	9S-24E	1171 N	1502 E	40.01111	-109.25269
43047353650000	Southman Canyon 2D-36	Producing	NWNE	36	9S-23E	960 N	1751 E	39.99711	-109.27228
43047353610000	Southman Canyon 4D-36	Producing	NWNW	36	9S-23E	1163 N	1137 W	39.99623	-109.28012
43047353620000	Southman Canyon 6D-36	Producing	SENW	36	9S-23E	2466 N	2271 W	39.99336	-109.27635
43047357710000	Southman Canyon 8C-36	Producing	SENE	36	9S-23E	2185 N	694 E	39.99358	-109.26783
43047355590000	Thurston Federal #12-1	Producing	SESW	12	12S-21E	692 S	1959 W	39.78280	-109.51768

# TRANSFER OF OPERATOR BLM APPROVED WELLS #2

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
<del>Asphalt Wash 13-7</del>	<del>SW/SW</del>	<del>7</del>	<del>11S</del>	<del>24E</del>	<del>UTU-73040</del>	<del>739' FSL &amp; 629' FWL</del>	<del>43-047-36234</del>
Bonanza 16-18	SE/SE	18	9S	24E	UTU-73457	861' FSL & 715' FEL	43-047-35992
Bonanza 4-11	NW/NW	11	9S	23E	UTU-74426	671' FNL & 729' FWL	43-047-35968
Bonanza 10D-12	NW/SE	12	9S	23E	UTU-74426	1,785' FSL & 1,855' FEL	43-047-35919
Bonanza 12-11	NW/SW	11	9S	23E	UTU-74426	1748' FSL & 420' FWL	43-047-35916
Bonanza 14-18	SE/SW	18	9S	24E	UTU-73457	472' FSL & 2,010' FWL	43-047-35993
Bonanza 14A-8	SE/SW	8	9S	24E	UTU-73457	907' FSL & 2,298' FWL	43-047-35952
Bonanza 16A-27	SE/SE	27	9S	24E	UTU-80571	862' FSL & 581' FEL	43-047-35923
Bonanza 2-21	NW/NE	21	8S	25E	UTU-73470	1,207' FNL & 1,541' FEL	43-047-35926
Bonanza 3-8	NW/NW	8	9S	24E	UTU-73457	573' FNL & 1,518' FWL	43-047-35966
Bonanza 6D-7	SE NW	7	9S	24E	UTU-73457	2,310' FNL & 2,310' FWL	43-047-35690
Bonanza 8-11	SE/NE	11	9S	23E	UTU-74426	2,163 FNL & 615' FEL	43-047-35907
Bonanza 8B-27	SE/NE	27	9S	24E	UTU-80571	1,830' FNL & 735' FEL	43-047-35923
Buck Camp 4-25	NW/NW	25	11S	22E	UTU-74424	804 FNL & 695 FWL	43-047-36276
Buck Camp 4-26	NW/NW	26	11S	22E	UTU-74974	660' FNL & 660' FWL	43-047-36274
Buck Canyon 1-24	NE/NE	24	12S	21E	UTU-73440	488' FNL & 833' FEL	43-047-35606
<del>Buck Canyon 15-24</del>	<del>SW/SE</del>	<del>24</del>	<del>12S</del>	<del>21E</del>	<del>UTU-73440</del>	<del>700' FSL &amp; 2,139' FEL</del>	<del>43-047-35905</del>
<del>Buck Canyon 7-24</del>	<del>SW/NE</del>	<del>24</del>	<del>12S</del>	<del>21E</del>	<del>UTU-73440</del>	<del>2,041' FNL &amp; 2,171' FEL</del>	<del>43-047-35904</del>
<del>Buck Canyon 9-24</del>	<del>NE/SE</del>	<del>24</del>	<del>12S</del>	<del>21E</del>	<del>UTU-73440</del>	<del>1784' FSL &amp; 855' FEL</del>	<del>43-047-35903</del>
Rainbow 1-17	NE/NE	17	11S	24E	UTU-73920	795' FNL & 586' FEL	43-047-36151
Southman Canyon #14-30	SE/SW	30	9S	24E	UTU-80571	740' FSL & 1,737' FWL	43-047-35914
Southman Canyon #4C-30	NW/NW	30	9S	24E	UTU-80571	676' FNL & 568' FWL	43-047-35913
Southman Canyon 12-30	NW/SW	30	9S	24E	UTU-80571	1,912' FSL & 513' FWL	43-047-36104
Southman Canyon 8-30	SE/NE	30	9S	24E	UTU-80571	1,875' FNL & 818' FEL	43-047-35994
Southman Canyon 9-30	NE/SE	30	9S	24E	UTU-80571	2,089' FSL & 831' FEL	43-047-36019

\* 43047-35906

• 43047-35953

# TRANSFER OF OPERATOR STATE OF UTAH APPROVED AND PENDING

#3

PREVIOUS OPERATOR: Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC

EFFECTIVE DATE: September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number	FIELD	Well Type
Asphalt Wash 11-16-11-24	NESW	16	11S	24E	ML-73921	2000 FSL & 1900 FWL	43-047-37088	Undesignated	Gas
Asphalt Wash 12-16-11-24	NWSW	16	11S	24E	ML-47080	2060 FSL & 839 FWL	43-047-36873	Undesignated	Gas
Asphalt Wash 14-16-11-24	SESW	16	11S	24E	ML-47080	537 FSL & 2140 FWL	43-047-36876	Undesignated	Gas
Asphalt Wash 3-16-11-24	NENW	16	11S	24E	ML-47080	825 FNL & 2116 FWL	43-047-36886	Undesignated	Gas
Asphalt Wash 4-16-11-24	NWNW	16	11S	24E	ML-47080	521 FNL & 766 FWL	43-047-36885	Undesignated	Gas
Asphalt Wash 5-16-11-24	SWNW	16	11S	24E	ML-47080	1880 FNL & 630 FWL	43-047-37089	Undesignated	Gas
Asphalt Wash 7-16-11-24	SWNE	16	11S	24E	ML-47080	1781 FNL & 1676 FEL	43-047-36874	Undesignated	Gas
Asphalt Wash 8-16-11-24	SENE	16	11S	24E	ML-47080	1905 FNL & 642 FEL	43-047-36875	Undesignated	Gas
Bonanza 14-20	SESW	20	9S	25E	ML-45558	838' FSL & 1,922' FWL	43-047-35930	Chapita Wells	Gas
Bonanza 4-20	NWNW	20	9S	25E	ML-45558	933' FNL & 583 FWL	43-047-35924	Chapita Wells	Gas
Bonanza 4-29	NWNW	29	9S	25E	ML-45559	600' FNL & 596' FWL	43-047-36010	Chapita Wells	Gas
Bonanza 4-36	NWNW	36	9S	24E	ML-46527	258' FNL & 862' FWL	43-047-35861	Natural Buttes	Gas
Bonanza 6-20	SENW	20	9S	25E	ML-45558	2,178' FNL & 1,839' FWL	43-047-35928	Chapita Wells	Gas
<del>Buck Canyon 9-16-12-21</del>	<del>NESE</del>	<del>16</del>	<del>12S</del>	<del>21E</del>	<del>ML-47085</del>	<del>1980' FSL &amp; 660' FEL</del>	<del>43-047-37091</del>	<del>Buck Canyon</del>	<del>Gas</del>
Buck Canyon 11-16-12-21	NESW	16	12S	21W	ML-47085	NA	43-047-37119	Undesignated	Gas
Buck Canyon 13-16-21-21	SWSW	16	21S	21W	ML-47085	NA	43-047-37118	Undesignated	Gas
Buck Canyon 15-16-12-21	SWSE	16	12S	21W	ML-47085	NA	43-047-37120	Buck Canyon	Gas
East Bench 1-16	NENE	16	11S	22E	ML-46911	660' FNL & 660' FEL	43-047-36126	Undesignated	Gas
East Bench 15-16	SWSE	16	11S	22E	ML-46911	545' FSL & 1,848' FEL	43-047-36128	Undesignated	Gas
East Bench 3-16	NENW	16	11S	22E	ML-46911	832' FNL & 1,978' FWL	43-047-36125	Undesignated	Gas
East Bench 7-16	SWNE	16	11S	22E	ML-46911	1,909' FNL & 1,643' FEL	43-047-36127	Undesignated	Gas
East Bench 12-16-11-22	NWSW	16	11S	22E	ML-46911	1862 FSL & 838 FEL	43-047-37128	Undesignated	Gas
East Bench 13-16-11-22	SWSW	16	11S	22E	ML-46911	880 FSL & 750 FWL	43-047-37130	Undesignated	Gas
East Bench 14-16-11-22	SESW	16	11S	22E	ML-46911	848 FSL & 1930 FWL	43-047-37122	Undesignated	Gas
East Bench 16-16-11-22	SESE	16	11S	22E	ML-46911	663 FSL & 1055 FEL	43-047-37121	Undesignated	Gas
East Bench 2-16-11-22	NWNE	16	11S	22E	ML-46911	705 FNL & 2077 FEL	43-047-37125	Undesignated	Gas
East Bench 4-16-11-22	NWNW	16	11S	22E	ML-46911	760 FNL & 860 FWL	43-047-37126	Undesignated	Gas
East Bench 5-16-11-22	SWNW	16	11S	22E	ML-46911	1980 FNL & 758 FWL	43-047-37129	Undesignated	Gas
East Bench 6-16-11-22	SENW	16	11S	22E	ML-46911	1887 FNL & 2138 FWL	43-047-37124	Undesignated	Gas
East Bench 8-16-11-22	SENE	16	11S	22E	ML-46911	1880 FNL & 780 FEL	43-047-37127	Undesignated	Gas
East Bench 9-16-11-22	NESE	16	11S	22E	ML-46911	2035 FSL & 1422 FEL	43-047-37123	Undesignated	Gas
<del>Gusher 6-2</del>	<del>SENW</del>	<del>2</del>	<del>6S</del>	<del>19E</del>	<del>ML-49144</del>	<del>1550 FNL &amp; 1825 FWL</del>	<del>43-047-36963</del>	<del>Moffit Canal</del>	<del>Oil</del>
Hanging Rock 1-32	NENE	32	11S	23E	ML-47079	542' FNL & 690' FEL	43-047-36309	Undesignated	Gas
Little Pack Mountain 1-16	NWNW	16	12S	20E	ML-47082	609 FNL & 688 FEL	43-047-36981	Wildcat	Gas
Little Pack Mountain 7-32	SWNE	32	12S	20E	ML-47083	1792 FNL & 1797 FEL	43-047-36980	Wildcat	Gas
Rock House 12-36-10-23	NWSW	36	10S	23E	ML-47907	1844 FSL & 755 FWL	43-047-36534	Natural Buttes	Gas
Rock House 13-32-10-23	SWSW	32	10S	23E	ML-47063	564 FSL & 471 FWL	43-047-36411	Natural Buttes	Gas
Rock House 1-36-10-22	NENE	36	10S	22E	ML-47061	620 FNL & 850 FEL	43-047-36408	Natural Buttes	Gas
Rock House 3-36-10-22	NENW	36	10S	22E	ML-47061	934 FNL & 1783 FWL	43-047-36407	Natural Buttes	Gas
Rock House 4-32-10-23	SWNW	32	10S	23E	ML-47063	1406 FNL & 562 FWL	43-047-36412	Natural Buttes	Gas
Rock House 7-36-10-22	SWNE	36	10S	22E	ML-47061	2209 FNL & 2445 FEL	43-047-36409	Natural Buttes	Gas
<del>Rock House 9-32-10-23</del>	<del>NESE</del>	<del>32</del>	<del>10S</del>	<del>23E</del>	<del>ML-47063</del>	<del>2008 FSL &amp; 1042 FEL</del>	<del>43-047-36337</del>	<del>Natural Buttes</del>	<del>Gas</del>
Rockhouse #13-36	SWSW	36	10S	22E	ML-46907	486 FSL & 844' FWL	43-047-35902	Natural Buttes	Gas
Rockhouse 16-2	SESE	2	11S	23E	ML-47078	909' FSL & 748' FEL	43-047-36152	Rockhouse	Gas
Seep Springs 10-13-12-24	NWSE	13	12S	24E	ML-49275	1950 FSL & 1802 FEL	43-047-36634	Undesignated	Gas
Seep Springs 1-13-12-24	NENE	13	12S	24E	ML-49275	753 FNL & 487 FEL	43-047-36628	Undesignated	Gas
Seep Springs 15-11-12-24	SWSE	11	12S	24E	ML-49274	829 FSL & 2178 FEL	43-047-36626	Undesignated	Gas
Seep Springs 15-13-12-24	SWSE	13	12S	24E	ML-49275	622 FSL & 1806 FEL	43-047-36630	Undesignated	Gas
Seep Springs 16-11-12-24	SESE	11	12S	24E	ML-49274	659 FSL & 466 FEL	43-047-36625	Undesignated	Gas
Seep Springs 16-13-12-24	SESE	13	12S	24E	ML-49275	686 FSL & 640 FEL	43-047-36629	Undesignated	Gas
Seep Springs 2-13-12-24	NWNE	13	12S	24E	ML-49275	465 FNL & 1807 FEL	43-047-36627	Undesignated	Gas
Seep Springs 7-13-12-24	SWNE	13	12S	24E	ML-49275	FNL & FEL	43-047-36631	Undesignated	Gas
Seep Springs 8-13-12-24	SENE	13	12S	24E	ML-49275	1969 FNL & 642 FEL	43-047-36632	Undesignated	Gas
Seep Springs 9-13-12-24	NESE	13	12S	24E	ML-49275	663 FSL & 1960 FEL	43-047-36633	Undesignated	Gas
<del>Southman Canyon 11-36-9-23</del>	<del>NESW</del>	<del>36</del>	<del>9S</del>	<del>23E</del>	<del>ML-47782</del>	<del>1965 FSL &amp; 1953 FWL</del>	<del>43-047-36535</del>	<del>Natural Buttes</del>	<del>Gas</del>
<del>Southman Canyon 13-36-9-23</del>	<del>SWSW</del>	<del>36</del>	<del>9S</del>	<del>23E</del>	<del>ML-47782</del>	<del>467 FSL &amp; 829 FWL</del>	<del>43-047-36532</del>	<del>Natural Buttes</del>	<del>Gas</del>

# TRANSFER OF OPERATOR STATE OF UTAH APPROVED AND PENDING

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number	FIELD	Well Type
Southman Canyon 1-36-9-23	NENE	36	9S	23E	ML-47782	681 FNL & 496 FEL	43-047-36537	Natural Buttes	Gas
Southman Canyon 15-36-9-23	SWSE	36	9S	23E	ML-47782	529 FSL & 1784 FEL	43-047-36529	Natural Buttes	Gas
Southman Canyon 3-36-9-23	NENW	36	9S	23E	ML-47782	464 FNL & 1815 FWL	43-047-36530	Natural Buttes	Gas
Southman Canyon 5-36-9-23	SWNW	36	9S	23E	ML-47782	2028 FNL & 499 FWL	43-047-36531	Natural Buttes	Gas
Southman Canyon 7-36-9-23	SENE	36	9S	23E	ML-47782	2184 FNL & 1994 FEL	43-047-36536	Natural Buttes	Gas
Southman Canyon 9-36-9-23	NESE	36	9S	23E	ML-47782	1978 FNL & 657 FEL	43-047-36533	Natural Buttes	Gas

# TRANSFER OF OPERATOR BLM PENDING WELLS

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
Asphalt Wash 13-6	SW/SW	6	11S	24E	UTU-73919	400' FSL & 550' FWL	
Asphalt Wash 10-9-11-24	NW SE	9	11S	24E	UTU-73920	1846 FSL & 1942 FEL	43-047-37071
Asphalt Wash 11-9-11-24	NE SW	9	11S	24E	UTU-73920	1799 FSL & 1782 FWL	43-047-37073
Asphalt Wash 12-6-11-24	NW SW	6	11S	24E	UTU-73919	1844 FSL & 683 FWL	43-047-37066
Asphalt Wash 14-6-11-24	SE SW	6	11S	24E	UTU-73919	704 FSL & 2123 FWL	43-047-37067
Asphalt Wash 14-9-11-24	SE SW	9	11S	24E	UTU-73920	460 FSL & 2115 FWL	43-047-37076
Asphalt Wash 15-9-11-24	SW SE	9	11S	24E	UTU-73920	804 FSL & 1990 FEL	43-047-37074
Asphalt Wash 16-9-11-24	SE SE	9	11S	24E	UTU-73920	826 FSL & 472 FEL	43-047-37075
Asphalt Wash 2-6-11-24	NW NE	6	11S	24E	UTU-73919	735 FNL & 1590 FEL	43-047-37061
Asphalt Wash 2-7-11-24	NW NE	7	11S	24E	UTU-73919	621 FNL & 2462 FEL	43-047-37068
Asphalt Wash 2-9-11-24	NW NE	9	11S	24E	UTU-73920	829 FNL & 1774 FEL	43-047-37070
Asphalt Wash 3-6-11-24	NE NW	6	11S	24E	UTU-73919	792 FNL & 1925 FWL	43-047-37062
Asphalt Wash 4-6-11-24	NW NW	6	11S	24E	UTU-73919	820 FNL & 1007 FWL	43-047-37063
Asphalt Wash 5-6-11-24	SW NW	6	11S	24E	UTU-73919	1738 FNL & 716 FWL	43-047-37064
Asphalt Wash 6-7-11-24	SE NW	7	11S	24E	UTU-73919	2013 FNL & 2241 FWL	43-047-37069
Asphalt Wash 7-6-11-24	SW NE	6	11S	24E	UTU-73919	1616 FNL & 1615 FEL	43-047-37065
Asphalt Wash 7-9-11-24	SE NE	9	11S	24E	UTU-73920	1883 FNL & 1854 FEL	43-047-37072
Asphalt Wash 1-7-11-24	NE NE	7	11S	24E	UTU-73919	426 FNL & 270 FEL	43-047-37084
Asphalt Wash 4-7-11-24	NW NW	7	11S	24E	UTU-73919	856 FNL & 860 FWL	43-047-37085
Asphalt Wash 7-7-11-24	SW NE	7	11S	24E	UTU-73919	1909 FNL & 1893 FEL	43-047-37087
Asphalt Wash 8-7-11-24	SE NE	7	11S	24E	UTU-73919	1998 FNL & 683 FEL	43-047-37086
Bonanza 4-7	NW/NW	7	9S	24E	UTU-73457	809' FNL & 670' FWL	43-047-36017
Bonanza 8-17	SW/NE	17	9S	24E	UTU-73457	1865' FNL & 584' FEL	43-047-36041
Bonanza 11-11-9-23	NE SW	11	9S	23E	UTU-74426	2036 FSL & 2043 FWL	43-047-36649
Bonanza 11-12-9-23	NE SW	12	9S	23E	UTU-74426	1799 FSL & 1948 FWL	43-047-36655
Bonanza 11-18-9-24	NE SW	18	9S	24E	UTU-73457	1785 FSL & 2133 FWL	43-047-36637
Bonanza 12-23-9-24	NW/SW	23	9S	24E	UTU-81311	1882 FSL & 699 FWL	43-047-36640
Bonanza 12-35	NW/SW	35	9S	24E	UTU 73459	1374' FSL & 858' FWL	43-047-36020
Bonanza 13-11-9-23	SW SW	11	9S	23E	UTU-74426	463 FSL & 773 FWL	43-047-36650
Bonanza 13-12-9-23	SW SW	12	9S	23E	UTU-74426	661 FSL & 656 FWL	43-047-36528
Bonanza 13-18-9-24	SW SW	18	9S	24E	UTU-73457	767 FSL & 583 FWL	43-047-36638
Bonanza 14-11-9-23	SE SW	11	9S	23E	UTU-74426	756 FSL & 1859 FWL	43-047-36651
Bonanza 14-23-9-24	SE/SW	23	9S	24E	UTU-81311	560 FSL & 1878 FWL	43-047-36641
Bonanza 15-11-9-23	SW SE	11	9S	23E	UTU-74426	660 FSL & 1980 FEL	43-047-36652
Bonanza 15-12-9-23	SW SE	12	9S	23E	UTU-74426	607 FSL & 1920 FEL	43-047-36656
Bonanza 15-18-9-24	SW SE	18	9S	24E	UTU-73457	463 FSL & 2162 FEL	43-047-36639
Bonanza 16-12-9-23	SE SE	12	9S	23E	UTU-74426	855 FSL & 536 FEL	43-047-36657
Bonanza 16-8	SE/SE	8	9S	24E	UTU-73457	588' FSL & 524' FEL	43-047-36101
Bonanza 2-11-9-23	NW NE	11	9S	23E	UTU 74426	664 FNL & 1925 FEL	43-047-36643
Bonanza 2-12-9-23	NW NE	12	9S	23E	UTU-74426	743 FNL & 1962 FEL	43-047-36527
Bonanza 3-11-9-23	NE NW	11	9S	23E	UTU 74426	499 FNL & 1898 FWL	43-047-36644
Bonanza 3-12-9-23	NE NW	12	9S	23E	UTU-74426	734 FNL & 1866 FWL	43-047-36524
Bonanza 4-35	NW/NW	35	9S	24E	UTU 73459	789' FNL & 807' FWL	43-047-35925
Bonanza 5-11-9-23	SW NW	11	9S	23E	UTU 74426	1794 FNL & 609 FWL	43-047-36645



# TRANSFER OF OPERATOR BLM PENDING WELLS

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
Bonanza 5-12-9-23	SW NW	12	9S	23E	UTU-74426	1996 FNL & 558 FWL	43-047-36526
Bonanza 5-18-9-24	SW NW	18	9S	24E	UTU-73457	2147 FNL & 662 FWL	43-047-36635
Bonanza 5-22	SW/NW	22	8S	25E	UTU-73470	1,932' FNL & 415' FWL	43-047-35918
Bonanza 5-24-9-24	SW/NW	24	9S	24E	UTU-73458	2167 FNL & 714 FWL	43-047-36642
Bonanza 6-11-9-23	SE NW	11	9S	23E	UTU-74426	2069 FNL & 1801 FWL	43-047-36646
Bonanza 6-12-9-23	SE NW	12	9S	23E	UTU-74426	2114 FNL & 1871 FWL	43-047-36525
Bonanza 7-11-9-23	SW NE	11	9S	23E	UTU-74426	2060 FNL & 2134 FEL	43-047-36647
Bonanza 7-12-9-23	SW NE	12	9S	23E	UTU-74426	2065 FNL & 2159 FEL	43-047-36653
Bonanza 8-35	SENE	35	9S	24E	UTU-73459	1987' FNL & 909' FEL	43-047-36105
Bonanza 9-11-9-23	NE SE	11	9S	23E	UTU-74426	2008 FSL & 553 FEL	43-047-36648
Bonanza 9-12-9-23	NE SE	12	9S	23E	UTU-74426	1980 FSL & 660 FEL	43-047-36654
Bonanza 9-18-9-24	NE SE	18	9S	24E	UTU-73457	2009 FSL & 852 FEL	43-047-36636
Bonanza 9-22	NE/SE	22	9S	24E	UTU-75118	1,969' FSL & 495' FEL	43-047-36102
East Bench 9-20	NE/SE	20	11S	22E	UTU-73905	2,170' FSL & 472' FEL	43-047-36275
Rock House 12-30-10-23	NE SW	30	10S	23E	UTU-76281	2320 FSL & 1980 FWL	43-047-36548
Rock House 12-31-10-23	NW SW	31	10S	23E	UTU-76281	1900 FSL & 460 FWL	43-047-36552
Rock House 13-30-10-23	SW SW	30	10S	23E	UTU-76281	553 FSL & 573 FWL	43-047-36549
Rock House 14-31-10-23	SE SW	31	10S	23E	UTU-76281	860 FSL & 1890 FWL	43-047-36553
Rock House 3-31-10-23	NE NW	31	10S	23E	UTU-76281	854 FNL & 1940 FWL	43-047-36551
Rock House 5-30-10-23	SW NW	30	10S	23E	UTU-76281	1858 FNL & 703 FWL	43-047-36547
Rock House 5-31-10-23	SW NW	31	10S	23E	UTU-76281	2055 FNL & 2097 FWL	43-047-36550
Rock House 6-31-10-23	SE NW	31	10S	23E	UTU-76281	2059 FNL & 2111 FWL	43-047-36554
<del>Rockhouse #12-30</del>	<del>NW/SW</del>	<del>30</del>	<del>10S</del>	<del>23E</del>	<del>UTU-80571</del>	<del>1,980' FSL &amp; 660' FWL</del>	<del>43-047-36018</del> x
Rockhouse 13C-31	SW/SW	31	10S	23E	UTU-76281	135' FSL & 365' FWL	43-047-35911
Rockhouse 4D-30	NW NW	30	10S	23E	UTU-76281	1,116 FNL & 1,135' FWL	43-047-35882
Rockhouse 4D-31	NW NW	31	10S	23E	UTU-76281	990' FNL & 990' FWL	43-047-35807
Southman Canyon 12-3-11-24	NW/SW	3	11S	24E	UTU-73918	1,950' FSL & 514' FWL	43-047-36272
Southman Canyon 12-30-10-24	NW/SW	30	10S	24E	UTU-65371	2,118' FSL & 502' FWL	43-047-36238
Southman Canyon 13-30	SW/SW	30	9S	24E	UTU-80571	765' FSL & 303' FWL	43-047-36018
Southman Canyon 16-31-10-24	SE/SE	31	10S	24E	UTU-65371	621' FSL & 575' FEL	43-047-36270
Southman Canyon 4-30-10-24	NW/NW	30	10S	24E	UTU 65371	649' FNL & 607' FWL	43-047-36237
Southman Canyon 5-19-10-24	SW/NW	19	10S	24E	UTU-65371	1,978' FNL & 855' FWL	43-047-36236
Southman Canyon 6-30	SE/NW	30	9S	24E	UTU-80571	2,015' FNL & 2,581' FWL	43-047-36103

x Duplicate API -  
Different well name

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2005

**FROM:** (Old Operator):

N2525-The Houston Exploration Company  
1100 Louisiana, Suite 2000  
Houston, TX 77002

Phone: 1-(713) 830-6938

**TO:** ( New Operator):

N2750-Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, CO 80202

Phone: 1-(303) 350-5102

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
BONANZA 3-12-9-23	12	090S	230E	4304736524		Federal	GW	APD	C
BONANZA 6-12-9-23	12	090S	230E	4304736525		Federal	GW	APD	C
BONANZA 5-12-9-23	12	090S	230E	4304736526		Federal	GW	APD	C
BONANZA 2-12-9-23	12	090S	230E	4304736527		Federal	GW	APD	C
BONANZA 13-12-9-23	12	090S	230E	4304736528		Federal	GW	APD	C
BONANZA 5-18-9-24	18	090S	240E	4304736635		Federal	GW	APD	C
ROCK HOUSE 5-30-10-23	30	100S	230E	4304736547		Federal	GW	APD	C
ROCK HOUSE 12-30-10-23	30	100S	230E	4304736548		Federal	GW	NEW	C
ROCK HOUSE 13-30-10-23	30	100S	230E	4304736549		Federal	GW	APD	C
ROCK HOUSE 5-31-10-23	31	100S	230E	4304736550		Federal	GW	NEW	C
ROCK HOUSE 3-31-10-23	31	100S	230E	4304736551		Federal	GW	APD	C
ROCK HOUSE 12-31-10-23	31	100S	230E	4304736552		Federal	GW	APD	C
ROCK HOUSE 14-31-10-23	31	100S	230E	4304736553		Federal	GW	APD	C
ROCK HOUSE 6-31-10-23	31	100S	230E	4304736554		Federal	GW	APD	C
SOUTHMAN CYN 5-19-10-24	19	100S	240E	4304736236		Federal	GW	APD	
SOUTHMAN CYN 4-30-10-24	30	100S	240E	4304736237		Federal	GW	APD	
SOUTHMAN CYN 12-30-10-24	30	100S	240E	4304736238		Federal	GW	APD	
SOUTHMAN CYN 16-31-10-24	31	100S	240E	4304736270		Federal	GW	APD	
EAST BENCH 9-20	20	110S	220E	4304736275		Federal	GW	APD	C
BUCK CAMP 4-25	25	110S	220E	4304736276		Federal	GW	APD	C
BUCK CAMP 4-26	26	110S	220E	4304736274		Federal	GW	APD	C
SOUTHMAN CYN 12-3-11-24	03	110S	240E	4304736272		Federal	GW	APD	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/26/20052. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/26/20053. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/29/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 5771233-0161

5. If NO, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on:

Requested 9/29/05

6b. Inspections of LA PA state/fee well sites complete on:

n/a

6c. Reports current for Production/Disposition & Sundries on:

9/29/2005

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_ not yet

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 9/29/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/29/2005
3. Bond information entered in RBDMS on: 9/30/2005
4. Fee/State wells attached to bond in RBDMS on: 9/30/2005
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 9/26/2005

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UTB000173

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0008031
2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office  
170 South 500 East  
Vernal, UT 84078  
(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

October 27, 2005

Al Arlian  
Enduring Resources, LLC  
475 17<sup>th</sup> Street, Suite 1500  
Denver, Colorado 80202

Re: *Southman CYN 10-24-13-30*  
~~Southman Canyon 12-30-10-24~~ *43-047-36238*  
SWNW, Sec. 30, T10S, R24E  
Southman Canyon 16-31-10-24 *43-047-36270*  
SESE, Sec. 31, T10S, R24E  
Uintah County, Utah  
Lease No. U-65371

Dear Mr. Arlian:

*New well name Now*  
*Southman Cyn 10-24-13-30*

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Enduring Resources, LLC is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, BLM Bond No. UTB000173, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact Leslie Wilcken of this office at (435) 781-4497.

Sincerely,

Matt Baker  
Petroleum Engineer

cc: UDOGM  
The Houston Expl. Co.  
Dominion Expl. & Prod., Inc.

RECEIVED  
NOV 02 2005  
DIV. OF OIL, GAS & MINING

J

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-65371
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Southman Canyon #10-24-13-30
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2118' FSL - 502' FWL COUNTY: Uintah		9. API NUMBER: 4304736238
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 10S 24E S STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 12/22/2005	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Request for APD Extension
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

APD granted: 1-18-2005  
APD expires: 1-18-2006

Requests APD one-year extension until 1-18-2007

Well previously known as Southman Canyon #12-30-10-24

Utah State Bond #RLB0008031  
Operator No. N2750

COPY SENT TO OPERATOR  
Date: 1-10-06  
Initials: C/HO

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 01-03-06  
By: [Signature]

NAME (PLEASE PRINT) Alvin R. (AI) Arlian TITLE Landman - Regulatory Specialist  
SIGNATURE [Signature] DATE 12/22/2005

(This space for State use only)

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DEC 27 2005

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304736238  
**Well Name:**  
**Location:**  
**Company Permit Issued to:**  
**Date Original Permit Issued:**

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒


Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

12/22/2005

Date

Title: Landman - Regulatory Specialist

Representing: Enduring Resources, LLC

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DEC 27 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-65371
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: 10-24-13-30 Southman Canyon #12-30-10-24
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2118' FSL - 502' FWL COUNTY: Uintah		9. API NUMBER: 4304736238
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 10S 24E S		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 12/18/2005	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name/Number Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change Name From: Southman Canyon #12-30-10-24

Change Name To: Southman Canyon #10-24-13-30

Utah State Bond #RLB0008031  
Operator No. N2750

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist  
SIGNATURE  DATE 12/22/2005

(This space for State use only)

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DEC 29 2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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JUN 22 2006

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
Enduring Resources, LLC3a. Address  
475 17th Street, Suite 1500, Denver, CO 802023b. Phone No. (include area code)  
303-350-51144. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2118' FSL - 502' FWL (NWSW) Sec 30, T10S-R24E5. Lease Serial No.  
UTU-736936. If Indian, Allottee or Tribe Name  
N/A7. If Unit or CA/Agreement, Name and/or No.  
N/A8. Well Name and No.  
Southman Canyon 10-24-13-309. API Well No.  
430473623810. Field and Pool, or Exploratory Area  
Wildcat11. County or Parish, State  
Uintah, Utah

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Request one year</b>
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Extension of APD</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>Term</b>


13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Re-confirm well name change from: Southman Canyon 12-30-10-24  
to: Southman Canyon 10-24-13-30

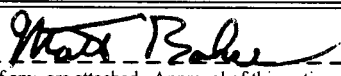
Original APD granted 8-31-2005, expires 8-31-2006

Request one year extension of APD term from 8-31-2005 to 8-31-2007

## CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Alvin R. (Al) Arlian		Title Landman - Regulatory Specialist
Signature 		Date 06/19/2006

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title Petroleum Engineer Date JUL 25 2006 Office
--	--

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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SEP 01 2006

DIV. OF OIL, GAS &amp; MINING



# **CONDITIONS OF APPROVAL**

## **Enduring Resources, LLC**

### **Notice of Intent APD Extension**

**Lease:** UTU-73693  
**Well:** Southman Canyon 10-24-13-30  
**Location:** NWSW Sec 30-T10S-R24E

An extension for the referenced APD is approved with the following conditions:

---

1. The extension and APD shall expire on 8/31/07
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-65371
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5719		8. WELL NAME and NUMBER: Southman Canyon 10-24-13-30
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2118' FSL - 502' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 10S 24E S		9. API NUMBER: 4304736238
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Request for APD Extension

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill ....

FROM: 1/18/2007  
TO: 1/18/2008

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 12-07-06  
By: [Signature]

IF SENT TO OPERATOR  
12-8-06  
RM

NAME (PLEASE PRINT) Evette Bissett	TITLE Regulatory Compliance Assistant
SIGNATURE [Signature]	DATE 12/5/2006

(This space for State use only)

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DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304736238  
**Well Name:** Southman Canyon 10-24-13-30  
**Location:** 2118' FSL - 502' FWL, NWSW, Sec 30, T10S-R24E  
**Company Permit Issued to:** Houston Exploration Company  
**Date Original Permit Issued:** 1/18/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

*Guillermo Brisset*  
Signature

12/5/2006  
Date

**Title:** Regulatory Compliance Assistant

**Representing:** Enduring Resources, LLC

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**DEC 07 2006**

DIV. OF OIL, GAS & MINING

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: ENDURING RESOURCES, LLC

Well Name: SOUTHMAN CYN 10-24-13-30

Api No: 43-047-36238 Lease Type: FEDERAL

Section 30 Township 10S Range 24E County UINTAH

Drilling Contractor PETE MARTIN'S RIG # RATHOLE

### **SPUDDED:**

Date 12/30/06

Time 9:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by MERRILL ADAMS

Telephone # (435) 828-2370

Date 01/04/2007 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Enduring Resources, LLC  
Address: 475 17th Street, Suite 1500  
city Denver  
state CO zip 80202

Operator Account Number: N 2750Phone Number: (303) 350-5114**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736238	Southman Canyon 10-24-13-30		NWSW	30	10S	24E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	15862	12/30/2006			1/11/07	
Comments: <u>CSL GT = mVRD</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738800	Bonanza 9-24-44-30		SESE	30	9S	24E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	15863	12/30/2006			1/11/07	
Comments: <u>mVRD</u>							

**CONFIDENTIAL****Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Alvin R. (AJ) Arlian

Name (Please Print)

Signature

Landman-Regulatory

Title

1/2/2007

Date

(5/2000)

**RECEIVED****JAN 02 2007**

DIV. OF OIL, GAS &amp; MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

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3. ADDRESS OF OPERATOR: <b>475 17th Street, Suite 1500</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		7. UNIT or CA AGREEMENT NAME: <b>n/a</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2118' FSL - 502' FWL</b>		8. WELL NAME and NUMBER: <b>Southman Canyon 10-24-13-30</b>
10. FIELD AND POOL, OR WILDCAT: <b>Undesignated</b>		9. API NUMBER: <b>4304736238</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSW 30 10S 24E S</b>		COUNTY: <b>Uintah</b>  STATE: <b>UTAH</b>

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: <b>1/5/2007</b>			


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

12/30/2006 MI Pete Martin Rathole Service. Drill 40' of 20" conductor hole and set 40' of 14" conductor w/3 yards of Ready mix cement.

1-5-2007 MI Bill Jr's Rathole Service and drill 12 1/4" hole to 2070', Trona water at 800'. Run 49 jts of 8 5/8' 32# J55 casing to 2003'. Cement guide shoe, float collar, 8 centralizers, and cement baskets at 200' and 400'. Big 4 cemented with 230 sx lead, 240 sx tail and 225 sx of top cement.

Stage: 1, Lead, 0, 230, 16% gel 1/4# Flowcele, Class G, 3.85, 11.1  
 Stage: 1, Tail, 0, 240, 2% Calc2 1/4# Flowcele, Class G, 1.18, 15.8  
 Stage: 1, , 0, 200, 2% Calc2 1/4# Flowcele, Class G, 1.18, 15.8  
 Stage: 1, , 0, 225, 2% Calc2 1/4# Flowcele, Class G, 1.18, 15.8

WORT

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>1/8/2007</u>

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**JAN 11 2007**  
DIV. OF OIL, GAS & MINING

**ENDURING RESOURCES, LLC**  
425 Seventeenth Street, Suite 1500  
Denver, Colorado 80202  
Telephone: 303-573-1222  
Facsimile: 303-573-0461

43-0417-36238  
30-10S-24e

March 6, 2007

State of Utah  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

**RE: Well Logs**  
**Southman Canyon 10-24-13-20**  
**NWSW Sec 30-T10S-R24E**  
**Uintah County, Utah**

Ladies and Gentlemen:

Attached is one original copy of the log run on the above-referenced well.

***Please hold this information as "confidential" as long as allowed.***

Should you have any questions concerning this matter, please do not hesitate to call 303-350-5114 ([aarlian@enduringresources.com](mailto:aarlian@enduringresources.com)).

Very truly yours

**ENDURING RESOURCES, LLC**



Alvin R. (Al) Arlian  
Landman – Regulatory Specialist

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**MAR 12 2007**

DIV. OF OIL, GAS & MINING

ara/  
Enclosures as stated:

## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: Enduring Resources, LLC

Today's Date: 09/18/2007

Well:	API Number:	Drilling Commenced:
Bonanza 9-24-24-27 drlg/wcr	4304735923	02/05/2005
Bonanza 9-25-13-20 drlg/wcr	4304735929	08/06/2005
Southman Cyn 10-24-13-30 drlg/wcr	4304736238	12/30/2006
Rock House 11-23-42-2 drlg/wcr	4304737865	01/25/2007
Rock House 11-23-41-2 drlg/wcr	4304738033	01/25/2007
Bonanza 9-24-11-17 drlg/wcr	4304736017	01/30/2007
Rainbow 11-24-21-20 drlg/wcr	4304737567	02/07/2007
Archy Bench 11-22-12-2 drlg/wcr	4304736793	03/14/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File



Well	API number	Drilling Commenced
Archy Bench 11-22-22-2 drlg/wcr	4304736786	03/14/2007
Rock House 11-23-21-2 drlg/wcr	4304738032	05/02/2007
Rock House 11-23-22-2 drlg/wcr	4304737867	05/02/2007
Hanging Rock 11-23-43-36 drlg/wcr	4304738282	05/03/2007

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

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3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2118' FSL - 502' FWL		8. WELL NAME and NUMBER: Southman Canyon 10-24-13-30
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 10S 24E S		9. API NUMBER: 4304736238
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 9/27/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Conductor-Surface Pipe Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

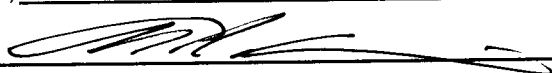
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well has been drilled to total depth and production casing cemented and set.

A Completion Report is being filed showing cement and production casing data.

Tank battery, pipeline hook-up, and production equipment are currently being constructed and/or set in anticipation of completion of the well when a gas market becomes available.

The final well completion will be completed as soon as a gas market becomes available.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>9/27/2007</u>

(This space for State use only)

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OCT 01 2007

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---

As of the mailing of this notice, the division has not received the required reports for

Operator: Enduring Resources, LLC

Today's Date: 02/14/2008

Well:

API Number:

Drilling Commenced:

See Attachment

43 047 36238  
Southman Cyn 10-24-13-30  
10S 2AE 30

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If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

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Rock House 11-23-41-2	drlg rpts/wcr	4304738033	01/25/2007
Bonanza 9-24-11-7	drlg rpts/wcr	4304736017	01/30/2007
Rainbow 11-24-21-20	drlg rpts/wcr	4304737567	02/07/2007
Rock House 11-23-21-2	drlg rpts/wcr	4304738032	05/02/2007
Rock House 11-23-22-2	drlg rpts/wcr	4304737867	05/02/2007
Hanging Rock 11-23-43-36	drlg rpts/wcr	4304738282	05/03/2007
Hanging Rock 11-23-13-36	drlg rpts/wcr	4304738283	06/01/2007
Buck Camp U 12-22-23-5	drlg rpts/wcr	4304739204	07/03/2007
Hanging Rock 11-23-24-36	drlg rpts/wcr	4304738278	07/09/2007
Hanging Rock 11-23-14-36	drlg rpts/wcr	4304738276	08/30/2007

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

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Enduring Resources, LLC

3. ADDRESS OF OPERATOR:  
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 350-5719

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2118' FSL - 502' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 10S 24E S

STATE: UTAH

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Southman Canyon 10-24-13-30

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Undesignated

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Last Report: The final well completion will be completed as soon as a gas market becomes available.

3-31-2008 Waiting on completion schedule for road to dry to cross BLM lands.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE 3/31/2008

(This space for State use only)

RECEIVED  
APR 01 2008  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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4. LOCATION OF WELL FOOTAGES AT SURFACE: 2118' FSL - 502' FWL		8. WELL NAME and NUMBER: Southman Canyon 10-24-13-30
5. PHONE NUMBER: (303) 350-5719		9. API NUMBER: 4304736238
6. FIELD AND POOL, OR WILDCAT: Undesignated		10. FIELD AND POOL, OR WILDCAT: Undesignated
7. COUNTY: Uintah		8. STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/23/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

First sales on 4-23-08 at a rate of 243 MCFD.

Completion Report to follow.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE 	DATE 4/25/2008

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STATE OF UTAH  
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DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-65371
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2118' FSL - 502' FWL		8. WELL NAME and NUMBER: Southman Canyon 10-24-13-30
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 10S 24E S		9. API NUMBER: 4304736238
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/1/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

5-1-2008 Well is currently being completed.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>4/28/2008</u>

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**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>
			DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR: Enduring Resources, LLC					
3. ADDRESS OF OPERATOR: 475 17th St, Suite 1500 CITY Denver STATE CO ZIP 80202				PHONE NUMBER: (303) 573-1222	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2118' FSL - 502' FWL  AT TOP PRODUCING INTERVAL REPORTED BELOW: same as above  AT TOTAL DEPTH: same as above					
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-65371					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A					
7. UNIT or CA AGREEMENT NAME N/A					
8. WELL NAME and NUMBER: Southman Canyon 10-24-13-30					
9. API NUMBER: 4304736238					
10. FIELD AND POOL, OR WILDCAT Undesignated					
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 30 10S 24E S					
12. COUNTY Utah				13. STATE UTAH	

14. DATE SPUDDED: 2/28/2007	15. DATE T.D. REACHED: 3/5/2007	16. DATE COMPLETED: 4/23/2008	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5066 RKB
18. TOTAL DEPTH: MD 6,575 TVD	19. PLUG BACK T.D.: MD 6,500 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? * 4		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  Previously submitted. <i>Rex, LD, CN, AIT</i>			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)		

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14"	line pipe	0	40		3 yards		0 (CIR)	0
12-1/4"	8 5/8 J55	32#	16	2,003		CI G 695	253	16 (CIR)	0
7-7/8"	4 1/2 M80	11.60#	16	6,546		CI G 1,236	313	294 (CBL)	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	6,313							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Mesaverde	5,764	6,419			5,764 6,419	.38"	69	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5764 - 6419	Placed 129,277 lbs 30/50 Ottawa proppant in formation

29. ENCLOSED ATTACHMENTS:

- |   |  |                                       |   |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS                         | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT   | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS   | <input type="checkbox"/> OTHER: _____ |   |

30. WELL STATUS:

Producing

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## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 4/23/2008		TEST DATE: 5/15/2008		HOURS TESTED: 576		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF: 181	WATER – BBL: 17	PROD. METHOD: 24 day avg
CHOKE SIZE: 24/64	TBG. PRESS. 400	CSG. PRESS. 700	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 166	WATER – BBL: 8	INTERVAL STATUS: Producing

## INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Wasatch Mesaverde	355 2,855 4,403

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kevin Lee

TITLE Engineering Tech

SIGNATURE

DATE 5/16/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

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DIV. OF OIL, GAS &amp; MINING

**Enduring Resources, LLC**

475 17th St. - Suite 1500  
Denver, CO 80202  
(303) 573-1222

43-047-30238

30 10S 24E

**Drilling Chronological**  
**Regulatory**

Well Name: SOUTHMAN CANYON 10-24-13-30										
Field Name:	Utah Wildcat			S/T/R:	30/10S/24E			County, State:	UINTAH, UT	
Operator:	Enduring Resources, LLC			Location Desc:				District:	Northern	
Project AFE:	DV00668			AFEs Associated:						/ / /
<b>Daily Summary</b>										
Activity Date :	11/28/2006		Days From Spud :	0		Current Depth :	0 Ft		24 Hr. Footage Made :	0 Ft
Rig Company :						Rig Name:				
Formation :						Weather:				
<b>Operations</b>										
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run	
6:00	2.00	24	SDFN				0	0	NIH	
8:00	9.00	21	BEGIN BUILDING LOCATION				0	0	NIH	
17:00	13.00	24	SDFN				0	0	NIH	
Total:	24.00									
<b>Daily Summary</b>										
Activity Date :	11/29/2006		Days From Spud :	0		Current Depth :	0 Ft		24 Hr. Footage Made :	0 Ft
Rig Company :						Rig Name:				
Formation :						Weather:				
<b>Operations</b>										
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run	
6:00	2.00	24	SDFN				0	0	NIH	
8:00	9.00	21	Building Location				0	0	NIH	
17:00	13.00	24	SDFN				0	0	NIH	
Total:	24.00									
<b>Daily Summary</b>										
Activity Date :	11/30/2006		Days From Spud :	0		Current Depth :	0 Ft		24 Hr. Footage Made :	0 Ft
Rig Company :						Rig Name:				
Formation :						Weather:				
<b>Operations</b>										
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run	
6:00	2.00	24	SDFN				0	0	NIH	
8:00	9.00	21	BUILDING LOCATION				0	0	NIH	
17:00	13.00	24	SDFN				0	0	NIH	
Total:	24.00									
<b>Daily Summary</b>										
Activity Date :	12/1/2006		Days From Spud :	0		Current Depth :	0 Ft		24 Hr. Footage Made :	0 Ft
Rig Company :						Rig Name:				
Formation :						Weather:				
<b>Operations</b>										
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run	
6:00	2.00	24	SDFN				0	0	NIH	
8:00	9.00	21	BUILDING LOCATION				0	0	NIH	
17:00	13.00	24	SDFN				0	0	NIH	
Total:	24.00									

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5/16/2008

DIV. OF OIL, GAS &amp; MINING

**Well Name:SOUTHMAN CANYON 10-24-13-30**

Field Name:	Utah Wildcat	S/T/R:	30/10S/24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	12/4/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFW	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/5/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/6/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/7/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/8/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**RECEIVED**

**Well Name:SOUTHMAN CANYON 10-24-13-30**

Field Name:	Utah Wildcat	S/T/R:	30/10S/24E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	12/11/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFW	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/12/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/13/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/14/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/15/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**RECEIVED**

**Well Name:SOUTHMAN CANYON 10-24-13-30**

Field Name:	Utah Wildcat	S/T/R:	30/10S/24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	12/18/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFW	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/19/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	22	Building Location	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/20/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	22	Building Location	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/21/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	22	Building Location	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/22/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	22	Finish Building Location. Waiting on Conductor.	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**RECEIVED**

**Well Name:SOUTHMAN CANYON 10-24-13-30**

Field Name:	Utah Wildcat	S/T/R:	30/10S/24E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	12/27/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SHUT DOWN FOR HOLIDAY WEEKEND	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/28/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	20	FINISHED BUILDING LOCATION	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	12/31/2006	Days From Spud :	0	Current Depth :	40 Ft	24 Hr. Footage Made :	40 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	WAITING ON CONDUCTOR	0	0	NIH
8:00	4.00	02	MI PETE MARTIN AND DRILL 40 FT OF 20 CONDUCTOR HOLE. RUN 40 FT OF 14" CONDUCTOR PIPE AND CEMENT WITH 3 YARDS OF READYMIX	0	40	NIH
12:00	18.00	24	SDFN	40	40	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	1/4/2007	Days From Spud :	0	Current Depth :	840 Ft	24 Hr. Footage Made :	800 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	40	40	NIH
8:00	22.00	02	MI BILL JRS RATHOLE AND DRILL 12 1/4" HOLE TO 840 FT	40	840	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	1/5/2007	Days From Spud :	0	Current Depth :	1590 Ft	24 Hr. Footage Made :	750 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	DRILL 12 1/4" HOLE TO 1590 FT. TRONA WATER AT 800 FT.	840	1590	NIH
Total:	24.00					

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**DIV. OF OIL, GAS & MINING**

**Well Name:SOUTHMAN CANYON 10-24-13-30**

Field Name:	Utah Wildcat	S/T/R:	30/10S/24E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary						
Activity Date :	1/6/2007	Days From Spud :	0	Current Depth :	2070 Ft	24 Hr. Footage Made : 480 Ft
Rig Company :				Rig Name:		
Formation :				Weather:		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9:00	02	DRILL 12 1/4" HOLE TO 2070.	1590	2070	NIH
15:00	15:00	12	RUN 49 JTS OF 8 5/8" 32# J55 CASING TO 2003 FT. CEMENT GUIDE SHOE, FLOAT COLLAR, 8 CENTRALIZERS AND CEMENT BASKETS AT 200 AND 400 FT FROM SURFACE. BIG 4 CEMENTED WITH 230 SX LEAD, 240 SX TAIL AND TOPPED WITH 225 SX	2070	2070	NIH
Total: 24.00						

Daily Summary						
Activity Date :	1/8/2007	Days From Spud :	0	Current Depth :	2070 Ft	24 Hr. Footage Made : 0 Ft
Rig Company :				Rig Name:		
Formation :				Weather:		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2:00	24	SDFN	2070	2070	NIH
8:00	4:00	20	MI PETE MARTIN AND REDRILL RATHOLE AND MOUSEHOLE TO FIT THE ENSIGN 79 FOOTPRINT.	2070	2070	NIH
12:00	18:00	24	SDFN	2070	2070	NIH
Total: 24.00						

Daily Summary						
Activity Date :	2/23/2007	Days From Spud :	0	Current Depth :	2070 Ft	24 Hr. Footage Made : 0 Ft
Rig Company :				Rig Name:		
Formation :				Weather:		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12:00	01	R/D and Prepare to Move Rig	2070	2070	NIH
18:00	12:00	24	SDFN	2070	2070	NIH
Total: 24.00						

Daily Summary						
Activity Date :	2/24/2007	Days From Spud :	0	Current Depth :	2070 Ft	24 Hr. Footage Made : 0 Ft
Rig Company :				Rig Name:		
Formation :				Weather:		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12:00	01	MI/RU	2070	2070	NIH
18:00	12:00	24	SDFN	2070	2070	NIH
Total: 24.00						

Daily Summary						
Activity Date :	2/25/2007	Days From Spud :	0	Current Depth :	2070 Ft	24 Hr. Footage Made : 0 Ft
Rig Company :				Rig Name:		
Formation :				Weather:		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12:00	01	MI/RU 95 % Set in	2070	2070	NIH
18:00	12:00	24	SDFN	2070	2070	NIH
Total: 24.00						

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<b>Well Name: SOUTHMAN CANYON 10-24-13-30</b>															
Field Name:		Utah Wildcat			S/T/R:		30/10S/24E			County, State:		UINTAH, UT			
Operator:		Enduring Resources, LLC			Location Desc:					District:		Northern			

Daily Summary															
Activity Date :		2/26/2007		Days From Spud :		0		Current Depth :		2085 Ft		24 Hr. Footage Made :		15 Ft	
Rig Company :		Ensign				Rig Name:		Ensign 79							
Formation :						Weather:									

Operations													
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run	
6:00	12.00	01	MI/RU, Derrick up @ 1100 Hrs./Install Wellhead With Wellhead Inc Personell, Take on Water, Rig up rig Components.							2070	2070	NIH	
18:00	12.00	14	Nipple Up BOP's, Install spacer spool, and Continue to Rig up All Rig equipment,							2070	2070	NIH	
Total:		24.00											

Daily Summary															
Activity Date :		2/27/2007		Days From Spud :		0		Current Depth :		2085 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		Ensign				Rig Name:		Ensign 79							
Formation :						Weather:									

Operations													
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run	
6:00	3.00	14	Nipple up BOP's							2085	2085	NIH	
9:00	3.00	01	Pick up Kelly and Hook up mud lines to pump							2085	2085	NIH	
12:00	6.00	15	Pressure test BOP's With Quick test to 250/3000 Psi., Csg to 1500 psi. Lines to Pump to 2000 Psi. Annular to 1500 Psi. (All Regulatory agencies were notified none witnessed testing )							2085	2085	NIH	
18:00	0.50	15	Rig Down Testers							2085	2085	NIH	
18:30	1.00	14	Install wear bushing							2085	2085	NIH	
19:30	1.00	06	Rig Up P/U and L/D Machine							2085	2085	NIH	
20:30	6.75	06	PJSM: Pick Bha #1 and Drill pipe to 1915'							2085	2085	1	
3:15	0.75	06	Rig Down P/U and L/D Machine							2085	2085	1	
4:00	2.00	06	Prepare pumps, Put Rotating head and Rotary Chain on and Prepare pits to drill							2085	2085	1	
Total:		24.00											

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2085		0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	0											

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# Well Name:SOUTHMAN CANYON 10-24-13-30

Field Name:	Utah Wildcat	S/T/R:	30/10S/24E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	2/28/2007	Days From Spud :	0	Current Depth :	2086 Ft	24 Hr. Footage Made :	1 Ft
Rig Company :	Ensign	Rig Name:	Ensign 79	Formation :	Green River	Weather:	

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	08	Repair Rotary Chain	2085	2085	1
8:00	4.50	21	Drill Shoe Tract Out F/1915' to 2077' , Found Float Collar @ 1974' &, Shoe @ 2022' Bottom of 12-1/4" hole @ 2077' Drillers Depth	2085	2085	1
12:30	0.25	02	Drill F/2077' to 2086'	2085	2086	1
12:45	0.75	21	Circ & Perform FIT Test 260 Psi. Applied, 2022' TVD Shoe,8.4 Ppg mud =EMW 10.8ppg.	2086	2086	1
13:30	16.50	08	Repair Broken Chain in Motor compound box,(Toolpusher took Oiler Sprocket into Machine shop for re-build)	2086	2086	1
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2085		0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	0											

## Daily Summary

Activity Date :	3/1/2007	Days From Spud :	1	Current Depth :	2989 Ft	24 Hr. Footage Made :	903 Ft
Rig Company :	Ensign	Rig Name:	Ensign 79	Formation :	Wasatch	Weather:	

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	08	WAIT ON PARTS TO REPAIR RIG - RIG REPAIRED	2086	2086	1
18:00	6.50	02	ESTABLISH CIRCULATION AND START DRILLING/DRILL F/ 2086 T/ 2597	2086	2597	1
0:30	0.50	10	RUN SURVEY @ 2517 1.7 DEG	2597	2597	1
1:00	5.00	02	DRILL F/ 2597 T/ 2989	2597	2989	1
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2086	13:00	8.30		30	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.90	0.00	0.00	0.90	2800	1040	0	0.00	0.00	0	0	0.00			0
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	0		PUMP GEL SWEEPS EVERY 3 CONNECTIONS									

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DIV. OF OIL, GAS & MINING

**Well Name:SOUTHMAN CANYON 10-24-13-30**

Field Name:	Utah Wildcat	S/T/R:	30/10S/24E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	3/2/2007	Days From Spud :	2	Current Depth :	4602 Ft	24 Hr. Footage Made :	1613 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	02	DRILL F/ 2989 T/ 3496	2989	3496	1
11:00	0.50	10	RUN SURVEY @ 3,421' DEG = 1.53	3496	3496	1
11:30	6.00	02	DRILL F/ 3496 T/ 3994	3496	3994	1
17:30	0.50	10	RUN SURVEY @ 3,421' = 1.53 DEG, CHECK OIL AND CHAINS	3994	3994	1
18:00	8.50	02	DRILL F/ 3994 T/ 4489	3994	4489	1
2:30	0.50	10	RUN SURVEY @ 4,409' = 1.3 DEG	4489	4489	1
3:00	3.00	02	DRILL F/ 4489-4602	4489	4602	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3910	15:00	8.40	8.40	32	0	0	0/0/0	0.0	0.0	0	0.00	3.0%	97.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.8	10.30	0.00	0.00	0.90	4400	200	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	72		PUMP GEL SWEEPS EVERY 3 CONNECTIONS @ 14:00 HRS CLEANED UP SYSTEM, STARTED MUD UP.									

**Daily Summary**

Activity Date :	3/3/2007	Days From Spud :	3	Current Depth :	5859 Ft	24 Hr. Footage Made :	1257 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8.50	02	DRILL F/ 4602 T/ 5114	4602	5114	1
14:30	0.50	07	SERVICE RIG	5114	5114	1
15:00	6.00	02	DRILL F/ 5114 T/ 5492	5114	5492	1
21:00	0.50	10	RUN SURVEY @ 5414 = 2.3 DEG	5492	5492	1
21:30	8.50	02	DRILL F/ 5492 T/ 5859	5492	5859	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4994	12:00	9.40	9.30	51	17	11	6/12/19	6.1	0.0	0	1.00	7.0%	93.0%	0.0%	0.7%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.8	9.35	0.20	0.25	0.45	2900	120	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp		UFT	Remarks								
0		0.0	0.0	84											

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<b>Well Name: SOUTHMAN CANYON 10-24-13-30</b>															
Field Name:		Utah Wildcat			S/T/R:		30/10S/24E			County, State:		UINTAH, UT			
Operator:		Enduring Resources, LLC			Location Desc:						District:		Northern		

Daily Summary															
Activity Date :		3/4/2007		Days From Spud :		4		Current Depth :		6195 Ft		24 Hr. Footage Made :		336 Ft	
Rig Company :		Ensign				Rig Name:		Ensign 79							
Formation :		Mesaverde				Weather:									

Operations															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	11.50	02	DRILL F/ 5859 T/ 6186										5859	6186	1
17:30	0.50	05	CIRCULATE AND CONDITION MUD										6186	6186	1
18:00	4.50	06	TRIP OUT OF HOLE TO CHANGE BIT										6186	6186	1
22:30	2.00	21	L/D BIT # 1 P/U BIT # 2 HC-506Z										6186	6186	2
0:30	3.50	06	TRIP IN HOLE										6186	6186	2
4:00	1.00	05	BREAK CIRCULATION, 20' FLARE CIRCULATED OUT										6186	6186	2
5:00	1.00	02	DRILL F/ 6171 T/ 6195, DRILLING AHEAD										6186	6195	2
Total:		24.00													

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6091	12:00	9.60	9.60	41	16	6	4/7/13	6.2	0.0	0	1.00	7.2%	92.8%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.20	0.20	0.15	0.05	3500	120	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	90											

Daily Summary															
Activity Date :		3/5/2007		Days From Spud :		5		Current Depth :		6575 Ft		24 Hr. Footage Made :		380 Ft	
Rig Company :		Ensign				Rig Name:		Ensign 79							
Formation :		Mesaverde				Weather:									

Operations															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	9.00	02	DRILL F/ 6,195 T/ 6,575 T.D.										6195	6575	2
15:00	0.50	07	SERVICE RIG										6575	6575	2
15:30	2.50	05	PUMP HIGH-VIS SWEEP, PUMP SLUG										6575	6575	2
18:00	1.00	06	MAKE 10 STAND SHORT TRIP, NO FILL.										6575	6575	2
19:00	1.50	05	PUMP SWEEP AROUND										6575	6575	2
20:30	5.00	06	TRIP OUT OF HOLE FOR LOGS										6575	6575	2
1:30	0.50	11	SAFETY MEETING & R/U SCHLUMBERGER										6575	6575	2
2:00	4.00	11	RIH W/ 3 1/8" TRIPLE COMBO TAG T.D. 6,610' WLM. LOGGING UP.										6575	6575	2
Total:		24.00													

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6390	12:00	9.90	9.90	44	14	11	4/14/19	6.7	0.0	0	1.00	7.0%	92.8%	0.0%	1.2%
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.65	0.45	0.30	0.08	3800	120	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	95											

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# Well Name:SOUTHMAN CANYON 10-24-13-30

Field Name:	Utah Wildcat	S/T/R:	30/10S/24E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

## Daily Summary

Activity Date :	3/6/2007	Days From Spud :	6	Current Depth :	6575 Ft	24 Hr. Footage Made :	35 Ft
Rig Company :	Ensign	Rig Name:	Ensign 79				
Formation :	Mesaverde	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	11	R/D SCHLUMBERGER W.L.	6575	6575	2
7:00	2.00	06	TIH W/ BHA	6575	6575	2
9:00	1.50	05	R/U AND CIRCULATE	6575	6575	2
10:30	1.50	06	FINISH TRIP IN HOLE, CORRECT PIPE TALLY AND WELL T.D. TO 6610'	6575	6610	2
12:00	3.00	05	CIRCULATE AND CONDITION MUD . VIS =50 AND MUD WEIGHT 10.1	6575	6575	2
15:00	1.00	21	HELD SAFETY MEETING W/ CALIBER AND R/U LAY DOWN MACHINE	6575	6575	2
16:00	5.00	06	LAY DOWN DRILL PIPE	6575	6575	2
21:00	1.00	21	BREAK KELLY, SPINERS, AND PULL ROTATING RUBBER	6575	6575	2
22:00	1.00	06	FINISH L/D BHA AND BIT	6575	6575	2
23:00	2.00	21	RIG UP CASING CREW, HELD SAFETY MEETING	6575	6575	2
1:00	5.00	12	RUN CASING	6575	6575	2
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6610	12:00	10.00	10.00	44	16	7	6/14/21	7.2	0.0	0	1.50	8.2%	91.8%	0.0%	1.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.60	0.45	0.35	0.08	3800	160	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	85											

## Daily Summary

Activity Date :	3/7/2007	Days From Spud :	7	Current Depth :	6575 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Ensign	Rig Name:	Ensign 79				
Formation :	Mesaverde	Weather:					

## Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	12	FINISH IN HOLE W/ CASING, FLOAT SHOE, SHOE JT, FLOAT COLLAR, 83 JTS CASING, MARKER JT, 61 JTS, 10' PUP, 2.8 PUP AND HANGER	6575	6575	2
9:00	2.00	05	CIRCULATE AND CONDITION HOLE, 10 TO 15' FLARE	6575	6575	2
11:00	1.00	12	P/U HANGER AND PUP SPACE OUT HANGER W/ LANDING JT.	6575	6575	2
12:00	0.50	12	R/U SUPERIOR WELL SERVICES TO CEMENT	6575	6575	2
12:30	0.50	21	HELD SAFETY MEETING W/ CEMENTERS	6575	6575	2
13:00	2.00	12	TEST LINES TO 3000 PSI. PUMP 10 BBL FRESH WATER, 20 BBL REACTIVE SPACER, 10 BBL FRESH WATER, 96 SKS (66 BBL'S) 11.0 PPG CLASS A LEAD CMT, PUMP 1140 SKS (248 BBL'S) 14.3 PPG CLASS H 50/50 POZ TAIL CMT, SHUT DOWN WASH PUMP AND LINES, DROP PLUG DISPLACE W/ 104 BBL'S FRESH WATER, BUMP PLUG 1000 PSI OVER RELEASE PRESSURE FLOATS HOLDING.R.D.M.O. CMT CO.	6575	6575	2
15:00	3.00	21	CLEAN PITS AND B.O.P.	6575	6575	2
18:00	12.00	01	RELEASE RIG @ 18:00, RIG DOWN	6575	6575	2
Total:	24.00					

## Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6575	10:15	9.80	9.70	38	15	4	4/16/23	9.0	0.0	0	1.50	8.0%	92.0%	0.0%	1.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.10	0.50	0.35	0.85	3900	120	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	84											

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DIV. OF OIL, GAS & MINING

<b>Well Name:SOUTHMAN CANYON 10-24-13-30</b>																
Field Name:		Utah Wildcat			S/T/R:		30/10S/24E			County,State:		UINTAH, UT				
Operator:		Enduring Resources, LLC			Location Desc:					District:		Northern				
<b>Daily Summary</b>																
Activity Date :		3/8/2007		Days From Spud :		8		Current Depth :		6575 Ft		24 Hr. Footage Made :		0 Ft		
Rig Company :		Ensign					Rig Name:		Ensign 79							
Formation :							Weather:									
<b>Operations</b>																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	12.00	01	RIG DOWN										6575	6575	2	
18:00	12.00	01	RIG DOWN WAIT ON DAYLIGHT										6575	6575	2	
Total:		24.00														
<b>Mud Properties</b>																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
6575	10:15	9.80	9.70	38	15	4	4/16/23	9.0	0.0	0	1.50	8.0%	92.0%	0.0%	1.2%	
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.10	0.50	0.35	0.85	3900	120	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	0.0	84													

<b>Formation</b>									
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments				
<b>Casing</b>									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
1/4/2007	2003	49	3. Surface	8.625	32	J-55		12.25	2070
Stage: 1, Lead, 0, 230, 16% GEL 1/4# FLOWCELE, Class G, 3.85, 11.1									
Stage: 1, Tail, 0, 240, 2%CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8									
Stage: 1, , 0, 100, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8									
Stage: 1, , 0, 125, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8									
3/3/2007	6546.5	148	5. Production	4.5	11.6	M-80	0	7.875	6575
Stage: 1, Lead, 0, 96, 3% SALT, Class A, 3.81, 11									
Stage: 1, Tail, 0, 1140, 50/50 POZ 5% SALT, Class H, 1.22, 14.3									

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